

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**C Number:** C00577  
**Lock Date:** 11/08/1991  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Male  
**PWG Approval Date:** 02/13/1992

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 635 <b>HISTO:</b> 890934
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Malignant	
	[ Pheochromocytoma Malignant TGLS = 4-8,5-8 ]		
* Epididymis		Mesothelioma Malignant	Metastatic (Testes)
* Heart		Cardiomyopathy	Mild
	[ Cardiomyopathy TGLS = 9-13 ]		
* Kidney		Nephropathy	Moderate
	[ Nephropathy TGLS = 7-4 ]		
* Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Note: MANY PIGMENT-LADEN MACROPHAGES		
	[ Infiltration Cellular TGLS = 13-1+2 ]		
Lymph Node	Mediastinal	Infiltration Cellular	Mast Cell, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Fibrosis	Mild
	[ Fibrosis TGLS = 6-3 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
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**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 635 <b>HISTO:</b> 890934
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes	Interstit Cell Seminif Tub Tunic	Adenoma Atrophy Mesothelioma Malignant	Moderate
[ Adenoma TGLS = 2-7 ] [ Atrophy TGLS = 3-7 ]			
* Thyroid Gland Note: PREDOMINANTLY SPINDLE-SHAPED CELLS [ Carcinoma TGLS = 10-2 ]	C Cell	Carcinoma	

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890935

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[ Basophilic Focus TGLS = 7-6+6.1+6.2 ]	
		[ Hepatodiaphragmatic Nodule TGLS = 6-6.2 ]	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 4-9 ]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 4-9 ]	
* Pancreas	Acinus	Atrophy	Minimal
* Skin		Basal Cell Carcinoma	
		[ Basal Cell Carcinoma TGLS = 1-10.1 ]	
* Spleen		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 5-3.1 ]	
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890935

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 691

DOSE: 0 ML/KG

DISP: Natural Death

HISTO: 890936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Nephropathy	Mild
Note: YELLOW PIGMENT IN TUBULES- PROBABLY BILIRUBIN			
Note: YELLOW PIGMENT IN SOME TUBULES			
* Liver		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 6-6 ]	
* Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1,8-9 ]	
		[ Leukemia Mononuclear TGLS = 3-9.1,8-9 ]	
		[ Leukemia Mononuclear TGLS = 3-9.1,8-9 ]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1,8-9 ]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1,8-9 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**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 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 691 <b>HISTO:</b> 890936
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1,5-3.1 ]			
* Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 7-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890937

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: NUMEROUS MITOTIC FIGURES [ Leukemia Mononuclear TGLS = 4-6+6.1 ]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 3-3.1 ] [ Leukemia Mononuclear TGLS = 2-3+3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 710 <b>HISTO:</b> 890938
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Bone                   | * Brain                    | * Epididymis              | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Mammary Gland           | * Parathyroid Gland         |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skeletal Muscle        | * Skin                     | * Stomach, Glandular      | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

OBSERVATIONS

- |                          |  |                              |          |
|--------------------------|--|------------------------------|----------|
| * Adrenal Cortex         |  | Leukemia Mononuclear         |          |
| * Adrenal Medulla        | Bilateral  | Pheochromocytoma Benign      |          |
| * Bone Marrow            |  | Leukemia Mononuclear         |          |
| * Heart                  |  | Cardiomyopathy               | Mild     |
|                          |  | Leukemia Mononuclear         |          |
| * Islets, Pancreatic     |  | Adenoma                      |          |
| * Kidney                 |  | Leukemia Mononuclear         |          |
|                          |  | Nephropathy                  | Moderate |
|                          | [ Nephropathy TGLS = 6-4 ]                       |                              |          |
| * Liver                  |  | Hepatocellular Adenoma       |          |
|                          |  | Leukemia Mononuclear         |          |
|                          | [ Hepatocellular Adenoma TGLS = 8-6.1 ]          |                              |          |
|                          | [ Leukemia Mononuclear TGLS = 7-6+6.1,11-6+6.1 ] |                              |          |
| * Lung                   |  | Alveolar/Bronchiolar Adenoma |          |
|                          |  | Leukemia Mononuclear         |          |
| Lymph Node               | Mediastinal                                      | Leukemia Mononuclear         |          |
|                          | Pancreatic                                       | Leukemia Mononuclear         |          |
|                          | [ Leukemia Mononuclear TGLS = 12-9.2 ]           |                              |          |
|                          | [ Leukemia Mononuclear TGLS = 12-9.2 ]           |                              |          |
| * Lymph Node, Mandibular |  | Leukemia Mononuclear         |          |
|                          | [ Leukemia Mononuclear TGLS = 12-9.2 ]           |                              |          |
| * Lymph Node, Mesenteric |  | Leukemia Mononuclear         |          |
|                          | [ Leukemia Mononuclear TGLS = 12-9.2 ]           |                              |          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 710 <b>HISTO:</b> 890938
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Fungus Inflammation	Mild Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	[ Adenoma TGLS = 9-8.1 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-3.1,10-3.1 ]		
* Stomach, Forestomach		Hyperkeratosis Hyperplasia Ulcer	Mild Basal Cell, Mild Mild
	Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.		
	[ Ulcer TGLS = 14-5.2 ]		
* Testes	Seminif Tub	Atrophy	Mild
	[ Atrophy TGLS = 3-7 ]		
* Thymus	Epithel Cell	Hyperplasia Leukemia Mononuclear	Mild

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 737 <b>HISTO:</b> 890939
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
Note: RESOLVING PANOPHTHALMITIS. LENS NOT THERE. [ Atrophy TGLS = 6-14 ]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 5-9.2 ]			
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 7-6+6.1+6.2,8-6+6.1+6.2,, 9-6.1+6.2 ]			
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Moderate
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-10.1 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890940

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
Note: CONGESTION			
* Nose			
Note: BLOOD IN NASAL CAVITY			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 1-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 704 <b>HISTO:</b> 890941
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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	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 2-4 ]			
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6.1,5-6.1,6-6.2,7-6.3 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-14+14.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 8-7 ]			
* Thymus	Epithel Cell	Thymoma Benign	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 685

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 5-13 ]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung			
Note: NUMEROUS NEUTROPHILS IN BLOOD VESSELS			
Note: AND PARENCHYMA.			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 2-15+15.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Marked
* Skin		Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 1-14 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 216

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890943

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Liver  
\* Nose  
\* Preputial Gland  
\* Skeletal Muscle  
\* Testes  
\* Urinary Bladder

\* Adrenal Medulla  
\* Epididymis  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Pancreas  
\* Prostate  
\* Skin  
\* Thymus

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**MISSING**

\* Spleen

**OBSERVATIONS**

\* Mammary Gland

Fibroadenoma

[ Fibroadenoma TGLS = 1-14+14.1 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890944

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	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	[ Basophilic Focus TGLS = 7-6,8-6.1 ]		
* Lymph Node, Mesenteric		Ectasia	Mild
	[ Ectasia TGLS = 4-8 ]		
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7,2-7 ]		
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 12

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 683

**DOSE:** 0 ML/KG

**DISP:** Natural Death

**HISTO:** 890945

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Erosion	Mild
[ Erosion TGLS = 10-5.1 ]			
* Kidney		Nephropathy	Minimal
[ Nephropathy TGLS = 7-4+4.1 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9.1+9.2,6-3,9-9 ]			
[ Leukemia Mononuclear TGLS = 2-9.1+9.2,6-3,9-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9.1+9.2,6-3,9-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9.1+9.2,6-3,9-9 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 683 <b>HISTO:</b> 890945
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen [ Leukemia Mononuclear TGLS = 4-3 ]		Leukemia Mononuclear	
* Stomach, Glandular [ Erosion TGLS = 12-5+5.2 ]		Erosion	Mild
* Testes [ Adenoma TGLS = 1-7 ] [ Atrophy TGLS = 8-7 ]	Interstit Cell Seminif Tub	Adenoma Atrophy	Mild
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890946

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[ Leukemia Mononuclear TGLS = 6-6+6.1 ]		
* Nose		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
	[ Inflammation TGLS = 1-10 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-3 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2-7 ]		
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890947

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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Congestion	Moderate
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
Note: COMPRESSION IN SECTIONS #6.2 AND 6.3			
		[ Basophilic Focus TGLS = 7-6+6.3,8-6.2 ]	
		[ Congestion TGLS = 5-6.1,9-6.5 ]	
		[ Eosinophilic Focus TGLS = 6-6.2 ]	
Lymph Node	Pancreatic	Ectasia	Minimal
		[ Ectasia TGLS = 11-9.1 ]	
* Nose		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
		[ Angiectasis TGLS = 4-8 ]	
* Prostate		Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890947

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 3-3 ]		Leukemia Mononuclear
* Testes [ Adenoma TGLS = 1-7,2-7 ]	Bilateral, Interstit Cell	Adenoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 651

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890948

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum		Erosion	Mild
[ Erosion TGLS = 22-5.1 ]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-6+6.1 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 15-2+2.1+3 ]			
Lymph Node	Axillary	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			
[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			
[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			
[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 651

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890948

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-8, 11-15, 5-9.1+9.2, 1-9 ]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[ Necrosis TGLS = 7-16 ]			
* Nose		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Parathyroid Gland		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Leukemia Mononuclear	
[ Adenoma TGLS = 2-10+10.1 ]			
* Prostate		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 21-7.1 ]			
* Salivary Glands		Leukemia Mononuclear	
	Duct	Metaplasia	Squamous, Minimal
* Seminal Vesicle		Leukemia Mononuclear	
* Skeletal Muscle		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 17-13 ]			
* Skin		Leukemia Mononuclear	
* Spleen		Infarct	Moderate
		Leukemia Mononuclear	
[ Infarct TGLS = 18-3.2,19-3.3,20-3.4 ]			
[ Leukemia Mononuclear TGLS = 6-3+3.2+3.3+3.4 ]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 651

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890948

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 4-7 ]

\* Thymus

Leukemia Mononuclear

\* Thyroid Gland

Leukemia Mononuclear

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 1-8 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 5-4 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[ Basophilic Focus TGLS = 8-6.1 ]			
[ Hematopoietic Cell Proliferation TGLS = 7-6 ]			
[ Hepatocellular Adenoma TGLS = 9-6.3 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 0 ML/KG

**DISP:** Natural Death

**HISTO:** 890950

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 3-7.1 ]			
* Intestine Large, Colon		Mesothelioma Malignant	Metastatic (Testes)
* Kidney		Nephropathy	Minimal
Note: EXCESS PIGMENT IN RENAL TUBULES			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 8-6 ]			
Lymph Node	Mediastinal	Ectasia	Moderate
[ Ectasia TGLS = 12-3 ]			
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 4-8+14 ]			
* Pancreas		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 5-9.1+14 ]			
* Skeletal Muscle		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 9-7.2,11-7.2 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 14-5.1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 17

**TRT#:** 1  
**DOSE:** 0 ML/KG

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

**DAY ON TEST:** 735  
**HISTO:** 890950

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes	Interstit Cell	Adenoma
	Tunic	Mesothelioma Malignant
[ Adenoma TGLS = 2-7 ]		
[ Mesothelioma Malignant TGLS = 10-7.3 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 704

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                           |                             |                            |
|--------------------------|---------------------------|-----------------------------|----------------------------|
| * Bone                   | * Epididymis              | * Esophagus                 | * Intestine Large, Cecum   |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum |
| * Islets, Pancreatic     | * Nose                    | * Parathyroid Gland         | * Preputial Gland          |
| * Prostate               | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                     |
| * Stomach, Forestomach   | * Thyroid Gland           | * Trachea                   |                            |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |   |               |                         |         |
|---|---------------|-------------------------|---------|
| * Adrenal Cortex                          |               | Leukemia Mononuclear    |         |
| [ Leukemia Mononuclear TGLS = 4-8 ]       |               |                         |         |
| * Adrenal Medulla                         |               | Hyperplasia             | Minimal |
|   |               | Leukemia Mononuclear    |         |
|   |               | Pheochromocytoma Benign |         |
| [ Leukemia Mononuclear TGLS = 4-8 ]       |               |                         |         |
| Blood                                     |               | Leukemia Mononuclear    |         |
| * Bone Marrow                             |               | Leukemia Mononuclear    |         |
| * Brain                                   |               | Leukemia Mononuclear    |         |
| [ Leukemia Mononuclear TGLS = 10-1,11-1 ] |               |                         |         |
| * Heart                                   |               | Cardiomyopathy          | Mild    |
|   |               | Leukemia Mononuclear    |         |
| * Intestine Small, Ileum                  | Lymphoid Tiss | Leukemia Mononuclear    |         |
| * Kidney                                  |               | Leukemia Mononuclear    |         |
|   |               | Nephropathy             | Mild    |
| * Liver                                   |               | Leukemia Mononuclear    |         |
| [ Leukemia Mononuclear TGLS = 5-6,6-6 ]   |               |                         |         |
| * Lung                                    |               | Leukemia Mononuclear    |         |
| [ Leukemia Mononuclear TGLS = 7-2+3 ]     |               |                         |         |
| Lymph Node                                | Mediastinal   | Leukemia Mononuclear    |         |
| * Lymph Node, Mandibular                  |               | Leukemia Mononuclear    |         |
| * Lymph Node, Mesenteric                  |               | Leukemia Mononuclear    |         |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 704 <b>HISTO:</b> 890951
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Acinus	Atrophy Leukemia Mononuclear	Mild
* Pituitary Gland		Leukemia Mononuclear	
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Angiectasis Fibrosis Leukemia Mononuclear	Mild Mild
			[ Angiectasis TGLS = 12-3 ] [ Leukemia Mononuclear TGLS = 1-3+3.1 ]
* Stomach, Glandular		Leukemia Mononuclear	
			[ Leukemia Mononuclear TGLS = 9-5.1 ]
* Testes	Interstit Cell Seminif Tub	Adenoma Atrophy Leukemia Mononuclear	Moderate
			[ Adenoma TGLS = 2-7 ] [ Atrophy TGLS = 3-7 ]
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 7-6,9-6.1,10-6+6.1 ]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Mild
* Preputial Gland		Adenoma	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3+3.1,8-3+3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Leukemia Mononuclear	
		[ Clear Cell Focus TGLS = 11-6.2 ]	
		[ Leukemia Mononuclear TGLS = 6-6+6.1+6.2 ]	
* Lung		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 8-2+3 ]	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 1-9,7-3 ]	
		[ Leukemia Mononuclear TGLS = 1-9,7-3 ]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 1-9,7-3 ]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 1-9,7-3 ]	
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 618
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 890953

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skeletal Muscle		Atrophy	Mild
		Inflammation	Chronic Active, Minimal
* Spleen		Angiectasis	Mild
		Fibrosis	Mild
		Leukemia Mononuclear	
Note: CONGESTION AND PIGMENT			
[ Fibrosis TGLS = 9-3.2 ]			
[ Leukemia Mononuclear TGLS = 4-3.1+3.2,5-3.1+3.2 ]			
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 10-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Nephropathy	Moderate
* Liver	Basophilic Focus	
	Clear Cell Focus	

[ Clear Cell Focus TGLS = 3-6+6.1+4-6+6.2 ]

\* Lung  
Note: CONGESTION

\* Nose  
Note: BLOOD IN NASAL CAVITY

* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- |                 |                     |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

OBSERVATIONS

- |   |                   |                                  |          |
|---|-------------------|----------------------------------|----------|
| * Adrenal Medulla                               |                   | Pheochromocytoma Benign          |          |
| * Heart   |                   | Cardiomyopathy                   | Mild     |
| * Kidney  |                   | Nephropathy                      | Mild     |
| * Liver   |                   | Basophilic Focus                 |          |
|   |                   | Clear Cell Focus                 |          |
|   |                   | Leukemia Mononuclear             |          |
| [ Basophilic Focus TGLS = 8-6+6.1+6.2 ]         |                   |                                  |          |
| [ Clear Cell Focus TGLS = 9-6+6.2 ]             |                   |                                  |          |
| Mesentery                                       | Fat               | Necrosis                         | Moderate |
| [ Necrosis TGLS = 1-14 ]                        |                   |                                  |          |
| * Pancreas                                      | Acinus            | Atrophy                          | Minimal  |
| * Pituitary Gland                               | Pars Distalis     | Hyperplasia                      | Moderate |
| * Spleen  |                   | Hematopoietic Cell Proliferation | Mild     |
|   |                   | Leukemia Mononuclear             |          |
| Note: CONGESTION AND SUGGESTION OF LEUKEMIA     |                   |                                  |          |
| [ Hematopoietic Cell Proliferation TGLS = 7-3 ] |                   |                                  |          |
| * Testes  | Interstitial Cell | Adenoma                          |          |
|   | Seminif Tub       | Atrophy                          | Moderate |
| [ Adenoma TGLS = 5-7 ]                          |                   |                                  |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 22

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890955

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Atrophy TGLS = 6-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 687

**DOSE:** 0 ML/KG

**DISP:** Natural Death

**HISTO:** 890956

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* 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		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
[ Cardiomyopathy TGLS = 5-13 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Pancreas	Acinus	Atrophy	Mild
[ Atrophy TGLS = 4-9.1 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10.1+10.2 ]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Adenoma TGLS = 3-7 ]			
[ Atrophy TGLS = 2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 7-8 ]			
Blood		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
Note: TRABECULAR PATTERN			
[ Leukemia Mononuclear TGLS = 8-6,13-3.2 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-2+3 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-2,11-9.1,12-9 ]			
[ Leukemia Mononuclear TGLS = 10-2,11-9.1,12-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-2,11-9.1,12-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-2,11-9.1,12-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 610 <b>HISTO:</b> 890957
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Nose		Fungus Inflammation	Mild Acute, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-14+14.1 ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Fibrosis TGLS = 6-3.1 ]			
[ Leukemia Mononuclear TGLS = 5-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 638

DOSE: 0 ML/KG

DISP: Natural Death

HISTO: 890958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                             |                          |                          |
|--------------------------|-----------------------------|--------------------------|--------------------------|
| * Bone                   | * Bone Marrow               | * Brain                  | * Epididymis             |
| * Intestine Large, Cecum | * Intestine Small, Duodenum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland          | * Nose                      | * Parathyroid Gland      | * Pituitary Gland        |
| * Preputial Gland        | * Prostate                  | * Salivary Glands        | * Seminal Vesicle        |
| * Skin                   | * Stomach, Forestomach      | * Stomach, Glandular     | * Thyroid Gland          |
| * Trachea                | * Urinary Bladder           |                          |                          |

MISSING

- \* Esophagus

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- |  |                           |                         |          |
|--|---------------------------|-------------------------|----------|
| * Adrenal Cortex   |                           | Hypertrophy             | Mild     |
| * Adrenal Medulla  |                           | Pheochromocytoma Benign |          |
| * Heart  |                           | Cardiomyopathy          | Moderate |
|  |                           | Leukemia Mononuclear    |          |
|  |                           | Adenoma                 |          |
| * Islets, Pancreatic   |                           |                         |          |
| [ Adenoma TGLS = 10-9.1 ]                                    |                           |                         |          |
| * Kidney   |                           | Nephropathy             | Mild     |
| * Liver  |                           | Basophilic Focus        |          |
|  |                           | Leukemia Mononuclear    |          |
| [ Basophilic Focus TGLS = 8-6+6.1 ]                          |                           |                         |          |
| * Lung   | Alveolar Epith            | Hyperplasia             | Mild     |
| Lymph Node   | Mediastinal               | Angiectasis             | Moderate |
| [ Angiectasis TGLS = 6-3 ]                                   |                           |                         |          |
| * Pancreas   |                           | Leukemia Mononuclear    |          |
| * Skeletal Muscle  |                           | Atrophy                 | Mild     |
| * Spleen   |                           | Leukemia Mononuclear    |          |
| [ Leukemia Mononuclear TGLS = 7-3.1+3.2+3.3, 5-3.1+3.2+3.3 ] |                           |                         |          |
| * Testes   | Bilateral, Interstit Cell | Adenoma                 |          |
| [ Adenoma TGLS = 2-7,3-7 ]                                   |                           |                         |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 25

**TRT#:** 1  
**DOSE:** 0 ML/KG

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

**DAY ON TEST:** 638  
**HISTO:** 890958

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Leukemia Mononuclear

---

PRIMARY CAUSE OF DEATH

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Animal Note: MANY TISSUES AUTOLYZED

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 6-6.1 ]			
Lymph Node	Pancreatic	Infiltration Cellular	Histiocyte, Minimal
[ Infiltration Cellular TGLS = 3-9.1 ]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
	Artery	Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 4-9.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 27

**TRT#:** 1  
**DOSE:** 0 ML/KG

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

**DAY ON TEST:** 737  
**HISTO:** 890960

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Leukemia Mononuclear	
		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
* Liver		Nephropathy	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 7-6.1 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-2+3 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3+3.1,4-3+3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,6-7 ]			
* Thymus		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890961

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
Note: CONGESTION 3+			
[ Basophilic Focus TGLS = 3-6+6.1+6.2,6-6+6.1+6.2 ]			
* Nose		Hyperplasia	Minimal
[ Hyperplasia TGLS = 2-14 ]			
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 4-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-3 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 29

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890962

**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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6+6.1 ]			
Lymph Node	Pancreatic	Ectasia	Mild
[ Ectasia TGLS = 4-9.2 ]			
* Lymph Node, Mesenteric		Ectasia	Minimal
[ Ectasia TGLS = 4-9.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
* Salivary Glands		Inflammation	Chronic Active, Moderate
	[ Inflammation TGLS = 3-9.2 ]		
* Skin		Squamous Cell Carcinoma	
	[ Squamous Cell Carcinoma TGLS = 1-14+14.1,2-14+14.1 ]		
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
	[ Fibrosis TGLS = 6-3.1 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 4-7,5-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 31

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 569

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890964

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Hematocyst	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[ Hematocyst TGLS = 12-6.1 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 5-6.2 ]		
	[ Leukemia Mononuclear TGLS = 6-6+6.1+6.2 ]		
* Lung		Edema	Mild
		Fungus	Moderate
		Infarct	Moderate
		Leukemia Mononuclear	
	[ Fungus TGLS = 7-2 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1,9-2 ]		
	[ Leukemia Mononuclear TGLS = 4-9.1,9-2 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 569 <b>HISTO:</b> 890964
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mandibular [ Leukemia Mononuclear TGLS = 4-9.1,9-2 ]		Leukemia Mononuclear	
* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 4-9.1,9-2 ]		Leukemia Mononuclear	
* Pituitary Gland Pars Distalis		Hyperplasia	Minimal
* Skeletal Muscle		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation Leukemia Mononuclear	Mild
Note: IN SECTION #3.1 PROBABLY IS FOCUS IN TGL #10 Note: CONGESTION: 3-4+; PROBABLE HEMORRHAGE [ Leukemia Mononuclear TGLS = 3-3.1+3.2,10-3.1+3.2 ]			
* Stomach, Glandular [ Erosion TGLS = 11-5 ]		Erosion	Minimal
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890965

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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Preputial Gland		Abscess	Moderate
[ Abscess TGLS = 2-10 ]			
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-14 ]			
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 7-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 697

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890966

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-1 ]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Degeneration	Mild
		Leukemia Mononuclear	
[ Degeneration TGLS = 11-4 ]		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Hepatocellular Adenoma	
[ Basophilic Focus TGLS = 8-6+6.1+6.2+6.3 ]		Leukemia Mononuclear	
[ Hepatocellular Adenoma TGLS = 17-6.2 ]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8,10-2,15-9.1,16-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

**ANIMAL ID:** 33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 697

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890966

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 7-8,10-2,15-9.1,16-9 ]		
* Lymph Node, Mandibular	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8,10-2,15-9.1,16-9 ]		
* Lymph Node, Mesenteric	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8,10-2,15-9.1,16-9 ]		
* Mammary Gland	Fibroadenoma	
[ Fibroadenoma TGLS = 1-14+14.1 ]		
* Nose	Fungus Inflammation	Moderate Acute, Mild
* Pancreas	Leukemia Mononuclear	
Note: ACELLULAR NECROTIC TISSUE		
* Pituitary Gland	Leukemia Mononuclear	
* Salivary Glands	Leukemia Mononuclear	
* Skeletal Muscle	Atrophy	Minimal
* Spleen	Infarct Leukemia Mononuclear	Moderate
[ Infarct TGLS = 5-3.2+3.3 ]		
[ Leukemia Mononuclear TGLS = 6-3.2+3.3 ]		
* Stomach, Forestomach	Hyperkeratosis Hyperplasia Ulcer	Minimal Basal Cell, Mild Mild
[ Ulcer TGLS = 12-5.1 ]		
* Stomach, Glandular	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-5.1+5.2 ]		
* Testes	Bilateral, Interstit Cell Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]		
* Thymus	Leukemia Mononuclear	
* Urinary Bladder	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890967

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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Thrombosis	Moderate
[ Thrombosis TGLS = 5-13 ]			
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 6-4+4.1 ]			
* Liver		Fatty Change	Diffuse, Mild
[ Fatty Change TGLS = 8-6,4-6 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 7-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 678

DOSE: 0 ML/KG

DISP: Natural Death

HISTO: 890968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Brain		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 13-1,14-1 ]		
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 12-6+6.1 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-9.1,6-8,8-3,10-2 ]		
	[ Leukemia Mononuclear TGLS = 3-9.1,6-8,8-3,10-2 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-9.1,6-8,8-3,10-2 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-9.1,6-8,8-3,10-2 ]		
* Nose		Fungus	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**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 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 678 <b>HISTO:</b> 890968
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland [ Adenoma TGLS = 1-10 ]		Inflammation Adenoma	Acute, Mild
* Spleen [ Fibrosis TGLS = 9-3.1 ] [ Leukemia Mononuclear TGLS = 2-3.1+3.2 ]		Fibrosis Leukemia Mononuclear	Mild
* Testes [ Adenoma TGLS = 4-7 ]	Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890969

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	[ Basophilic Focus TGLS = 3-6+6.1+6.2 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 2-6.1 ]		
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
	[ Inflammation TGLS = 5-9.1 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 37

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 704

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890970

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	Mesentery
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
		Thrombosis	Moderate
	[ Thrombosis TGLS = 11-13 ]		
* Kidney		Nephropathy	Minimal
* Liver		Infarct	Moderate
		Leukemia Mononuclear	
	[ Infarct TGLS = 4-6.1 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-9.1,7-3.2,8-9 ]		
	[ Leukemia Mononuclear TGLS = 6-9.1,7-3.2,8-9 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-9.1,7-3.2,8-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**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 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 704 <b>HISTO:</b> 890970
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 6-9.1,7-3.2,8-9 ]			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3+3.1 ]			
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 9-5.1,10-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Minimal
* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 10-13 ]			
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus Clear Cell Focus	
[ Basophilic Focus TGLS = 11-6+6.1 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 2-14 ]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Spleen		Fibrosis Leukemia Mononuclear	Moderate
[ Fibrosis TGLS = 6-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thymus			
Note: CYSTS			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 38

**TRT#:** 1  
**DOSE:** 0 ML/KG

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

**DAY ON TEST:** 737  
**HISTO:** 890971

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland  
[ Adenoma TGLS = 8-2 ]

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 523

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
		Fibrosis	Moderate
* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 3-13,7-13 ]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
		Necrosis	Mild
[ Necrosis TGLS = 2-6 ]			
* Pancreas	Acinus	Atrophy	Mild
[ Atrophy TGLS = 5-9.1 ]			
* Prostate		Inflammation	Chronic Active, Marked
* Spleen		Leukemia Mononuclear	
Note: CONGESTION 2-3+			
* Stomach, Glandular		Erosion	Moderate
[ Erosion TGLS = 6-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 620

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Compression	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 6-4 ]			
* Liver		Basophilic Focus	
Lymph Node	Pancreatic	Angiectasis	Minimal
[ Angiectasis TGLS = 8-9.1 ]			
* Nose		Inflammation	Acute, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[ Adenoma TGLS = 4-8.1 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 2-7 ]			
[ Atrophy TGLS = 1-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890974

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 11-13 ]			
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 7-4 ]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6+6.1,9-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Angiectasis	Mild
	Pancreatic	Ectasia	Mild
[ Angiectasis TGLS = 10-3 ]			
[ Ectasia TGLS = 12-9.1 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Atrophy	Mild
[ Atrophy TGLS = 6-9.1+9.2 ]			
Pharynx		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild

Note: FOOD AND DESQUAMATED MATERIAL IN ORAL

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890974

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: CAVITY. INCISORS AND JAW APPEAR TO BE NORMAL

[ Hyperkeratosis TGLS = 2-14 ]

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

[ Fibrosis TGLS = 5-3.1 ]

* Testes	Bilateral, Interstit Cell	Adenoma	
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[ Adenoma TGLS = 3-7,4-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 42

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890975

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-6.1 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-9,8-9.1 ]		
	[ Leukemia Mononuclear TGLS = 7-9,8-9.1 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-9,8-9.1 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-9,8-9.1 ]		
* Nose		Fungus	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 737 <b>HISTO:</b> 890975
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Respirat Epith	Inflammation	Acute, Moderate
* Pituitary Gland	Acinus	Metaplasia	Squamous, Minimal
* Preputial GI	Pars Distalis	Atrophy	Mild
Note: EXCESS SECRETORY MATERIAL		Hyperplasia	Minimal
* Spleen		Fibrosis	Minimal
[ Fibrosis TGLS = 6-3.1 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 697

DOSE: 0 ML/KG

DISP: Natural Death

HISTO: 890976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                             |                          |                      |
|--------------------------|-----------------------------|--------------------------|----------------------|
| * Bone                   | * Brain                     | * Epididymis             | * Esophagus          |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Islets, Pancreatic |
| Mesentery                | * Pituitary Gland           | * Preputial Gland        | * Prostate           |
| * Salivary Glands        | * Seminal Vesicle           | * Skeletal Muscle        | * Skin               |
| * Stomach, Forestomach   | * Stomach, Glandular        | * Thyroid Gland          | * Trachea            |
| * Urinary Bladder        |                             |                          |                      |

MISSING

- |                 |                     |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

AUTO PRECLUDES DIAG.

- |                          |                           |                            |
|--------------------------|---------------------------|----------------------------|
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Jejunum |
|--------------------------|---------------------------|----------------------------|

OBSERVATIONS

- |   |             |                         |                 |
|---|-------------|-------------------------|-----------------|
| * Adrenal Cortex                        |             | Hypertrophy             | Mild            |
| * Adrenal Medulla                       |             | Pheochromocytoma Benign |                 |
| * Bone Marrow                           |             | Leukemia Mononuclear    |                 |
| * Heart                                 |             | Cardiomyopathy          | Mild            |
| * Kidney                                |             | Infarct                 | Mild            |
|   |             | Nephropathy             | Mild            |
| [ Infarct TGLS = 7-4 ]                  |             |                         |                 |
| * Liver                                 |             | Leukemia Mononuclear    |                 |
| [ Leukemia Mononuclear TGLS = 8-6+6.1 ] |             |                         |                 |
| * Lung                                  |             | Leukemia Mononuclear    |                 |
| Lymph Node                              | Mediastinal | Leukemia Mononuclear    |                 |
| [ Leukemia Mononuclear TGLS = 5-3 ]     |             |                         |                 |
| * Lymph Node, Mandibular                |             | Leukemia Mononuclear    |                 |
| [ Leukemia Mononuclear TGLS = 5-3 ]     |             |                         |                 |
| * Lymph Node, Mesenteric                |             | Leukemia Mononuclear    |                 |
| [ Leukemia Mononuclear TGLS = 5-3 ]     |             |                         |                 |
| * Nose                                  |             | Fungus                  | Moderate        |
|   |             | Inflammation            | Acute, Moderate |
| * Pancreas                              | Acinus      | Atrophy                 | Mild            |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 43

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 697

**DOSE:** 0 ML/KG

**DISP:** Natural Death

**HISTO:** 890976

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 2-3.1,6-3.1 ]		Leukemia Mononuclear
* Testes [ Adenoma TGLS = 9-7 ]	Bilateral, Interstit Cell	Adenoma
* Thymus		Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: 0 ML/KG

DISP: Natural Death

HISTO: 890977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Colon	* Islets, Pancreatic	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-13 ]		
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-2+3 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-3 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-3 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-3 ]		
* Pancreas	Acinus	Atrophy	Mild
* Skeletal Muscle		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1 <b>DOSE:</b> 0 ML/KG	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 688 <b>HISTO:</b> 890977
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 3-3.1 ]		Leukemia Mononuclear	
* Stomach, Glandular [ Erosion TGLS = 10-5.1 ]		Erosion	Mild
* Testes [ Adenoma TGLS = 1-7,2-7 ]	Bilateral, Interstit Cell	Adenoma	

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0 ML/KG

DISP: Natural Death

HISTO: 890978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 4-8 ]			
* Heart		Cardiomyopathy	Moderate
[ Cardiomyopathy TGLS = 5-13 ]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
Lymph Node	Mediastinal	Angiectasis	Minimal
[ Angiectasis TGLS = 6-3 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 7-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

Animal Note: THE POSSIBILITY OF CORTICAL TUMOR

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** 0 ML/KG

**DISP:** Natural Death

**HISTO:** 890978

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: SHOULD BE CONSIDERED

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890979

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
		[ Eosinophilic Focus TGLS = 6-6 ]	
		[ Leukemia Mononuclear TGLS = 7-6+6.1+6.2,9-6+6.1+6.2 ]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1 ]	
		[ Leukemia Mononuclear TGLS = 3-9.1 ]	
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Leukemia Mononuclear	
		[ Angiectasis TGLS = 5-8 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890979

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 3-9.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Skeletal Muscle		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1+3.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890980

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 4-9.2 ]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 6-6+6.1 ]		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 5-6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Abscess	Mild
[ Abscess TGLS = 1-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890981

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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 5-6+6.1 ]			
[ Mixed Cell Focus TGLS = 4-6.1 ]			
Lymph Node	Mediastinal	Angiectasis	Mild
	Pancreatic	Infiltration Cellular	Histiocyte, Mild
[ Infiltration Cellular TGLS = 6-9.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
* Prostate		Hyperplasia	Mild
* Spleen			
Note: CONGESTION: 3+			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: 0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890982

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	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 6-6+6.1+6.2 ]			
[ Eosinophilic Focus TGLS = 7-6 ]			
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 4-14 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
* Preputial Gland		Abscess	Minimal
[ Abscess TGLS = 1-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 681

DOSE: 0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
* Intestine Large, Cecum		Erosion	Moderate
* Kidney		Nephropathy	Minimal
Note: PIGMENT IN RENAL TUBULES			
* Liver		Lymphoma Malignant	
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-1+2,13-1+2 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8,12-3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8,12-3 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8,12-3 ]			
* Pancreas	Acinus	Atrophy	Mild
[ Atrophy TGLS = 2-9.1 ]			
* Skeletal Muscle		Mineralization	Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 14-3+3.1+3.2, 3-3+3.1+3.2,4-3+3.1+3.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 50

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 681

**DOSE:** 0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890983

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1-7,6-7 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 705

HISTO: 891136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Angiectasis	Moderate
		Leukemia Mononuclear	
	[ Angiectasis TGLS = 7-6.2 ]		
	[ Leukemia Mononuclear TGLS = 2-6+6.1+6.2 ]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Marked
	[ Hyperplasia TGLS = 5-9.2 ]		
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
	[ Fibrosis TGLS = 3-3.1 ]		
	[ Leukemia Mononuclear TGLS = 1-3.1 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 51

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 705  
**HISTO:** 891136

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 4-7 ]

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 678

HISTO: 891137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
Note: hyperplasia and pheochromocytoma not in the same adrenal gland.			
* Heart		Cardiomyopathy Thrombosis	Moderate Marked
Note: NUMEROUS ANITSCHKOW MYOCYTES [ Thrombosis TGLS = 5-13 ]			
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
Note: EXCESS PIGMENT [ Fatty Change TGLS = 1-6+6.1,6-6+6.1 ]			
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Prostate		Inflammation	Chronic Active, Moderate
Skeletal Muscle		Atrophy	Mild
* Spleen			
Note: EXCESS PIGMENT			
* Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
* Stomach, Glandular		Erosion	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 52

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 678

**DOSE:** 2.5 ML/KG

**DISP:** Natural Death

**HISTO:** 891137

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Erosion TGLS = 3-5.1 ]

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PRIMARY CAUSE OF DEATH

-

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Animal Note: MINERALIZATION OF MUSCULARIS

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 53

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891138

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone		Hyperostosis	Minimal
[ Hyperostosis TGLS = 7-14 ]			
* Heart		Cardiomyopathy	Mild
	Artery	Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[ Cardiomyopathy TGLS = 5-13 ]			
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 4-9.2 ]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 9-6+6.1 ]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3,8-9.1 ]			
[ Leukemia Mononuclear TGLS = 6-3,8-9.1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 53	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891138

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 6-3,8-9.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3,8-9.1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3,8-9.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 54

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891139

**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	Mesentery	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

**MISSING**

\* Thymus

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Clear Cell Focus TGLS = 7-6 ]			
* Pancreas	Artery	Hyperplasia	Moderate
	Artery	Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 4-9.2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7,6-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 55

TRT#: 2

SEX: Male

DAY ON TEST: 653

DOSE: 2.5 ML/KG

DISP: Moribund Sacrifice

HISTO: 891140

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	* 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	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
Note: EXCESS BILE DUCT HYPERPLASIA [ Basophilic Focus TGLS = 4-6 ]			
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
Skeletal Muscle		Atrophy	Minimal
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 891141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                            |                          |                           |
|-----------------------------|----------------------------|--------------------------|---------------------------|
| * Bone                      | * Bone Marrow              | * Brain                  | * Epididymis              |
| * Esophagus                 | * Intestine Large, Cecum   | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic     | * Lung                    |
| * Lymph Node, Mandibular    | * Lymph Node, Mesenteric   | * Mammary Gland          | * Parathyroid Gland       |
| * Pituitary Gland           | * Preputial Gland          | * Prostate               | * Seminal Vesicle         |
| Skeletal Muscle             | * Skin                     | * Spleen                 | * Stomach, Forestomach    |
| * Stomach, Glandular        | * Thymus                   | * Thyroid Gland          | * Trachea                 |
| * Urinary Bladder           |                            |                          |                           |

OBSERVATIONS

- |                                 |                           |                         |                |
|---------------------------------|---------------------------|-------------------------|----------------|
| * Adrenal Cortex                |                           | Hypertrophy             | Moderate       |
| * Adrenal Medulla               |                           | Pheochromocytoma Benign |                |
| * Heart                         |                           | Cardiomyopathy          | Mild           |
| * Intestine Small, Ileum        |                           | Adenocarcinoma          |                |
| [ Adenocarcinoma TGLS = 3-5.1 ] |                           |                         |                |
| * Kidney                        |                           | Nephropathy             | Mild           |
| * Liver                         |                           | Basophilic Focus        |                |
|                                 |                           | Clear Cell Focus        |                |
| * Nose                          |                           | Inflammation            | Acute, Minimal |
| * Pancreas                      | Acinus                    | Atrophy                 | Mild           |
|                                 | Acinus                    | Hyperplasia             | Mild           |
| * Salivary Glands               | Duct                      | Metaplasia              | Squamous, Mild |
| * Testes                        | Bilateral, Interstit Cell | Adenoma                 |                |
| [ Adenoma TGLS = 2-7 ]          |                           |                         |                |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * 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      | * Lung                      | * 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

- |                            |                           |                         |                  |
|----------------------------|---------------------------|-------------------------|------------------|
| * Adrenal Medulla          |                           | Pheochromocytoma Benign |                  |
| * Heart                    |                           | Cardiomyopathy          | Mild             |
| * Kidney                   |                           | Nephropathy             | Mild             |
| * Liver                    |                           | Basophilic Focus        |                  |
|                            |                           | Clear Cell Focus        |                  |
|                            |                           | Fatty Change            | Diffuse, Minimal |
| * Pancreas                 | Acinus                    | Hyperplasia             | Minimal          |
| * Pituitary Gland          | Pars Distalis             | Hyperplasia             | Moderate         |
| Skeletal Muscle            |                           | Atrophy                 | Minimal          |
| * Spleen                   |                           | Fibrosis                | Mild             |
| [ Fibrosis TGLS = 6-3 ]    |                           |                         |                  |
| * Testes                   | Bilateral, Interstit Cell | Adenoma                 |                  |
| [ Adenoma TGLS = 2-7,3-7 ] |                           |                         |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 891143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

\* Kidney

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
Blood		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
	[ Basophilic Focus TGLS = 7-6+6.1 ]		
	[ Leukemia Mononuclear TGLS = 4-6+6.1 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891143

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Angiectasis TGLS = 5-8 ]	Pars Distalis	Angiectasis	Moderate
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 59

TRT#: 2

SEX: Male

DAY ON TEST: 420

DOSE: 2.5 ML/KG

DISP: Moribund Sacrifice

HISTO: 891144

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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Spleen			
Note: EXCESS PIGMENT			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus	Epithel Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 60

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 736  
**HISTO:** 891145

**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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 5-6+6.1 ]			
* Pancreas	Acinus	Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891146

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	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	[ Basophilic Focus TGLS = 5-6+6.1 ]		
* Mammary Gland		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-14+14.1 ]		
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2-7,4-7 ]		
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 62

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891147

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Islets, Pancreatic	* Pancreas
----------------------	------------

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 10-6+6.1 ]			
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10.1 ]			
* Prostate		Hyperplasia	Moderate
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 3-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Tongue		Hemorrhage	Mild
[ Hemorrhage TGLS = 7-14 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 63

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, 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

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
[ Basophilic Focus TGLS = 4-6+6.1 ]			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
[ Adenoma TGLS = 5-9.1 ]			
Pharynx	Palate	Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 7-14 ]			
* Pituitary Gland	Pars Distalis	Cyst	
Skeletal Muscle		Atrophy	Mild
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 3-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL #5 = ACINAR LESIONS

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 695

HISTO: 891149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                        |                      |                     |                             |
|------------------------|----------------------|---------------------|-----------------------------|
| * Bone                 | * Epididymis         | * Esophagus         | * Intestine Small, Duodenum |
| * Islets, Pancreatic   | * Mammary Gland      | * Parathyroid Gland | * Pituitary Gland           |
| * Preputial Gland      | * Salivary Glands    | * Seminal Vesicle   | * Skin                      |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland     | * Trachea                   |
| * Urinary Bladder      |                      |                     |                             |

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- |   |             |                         |          |
|---|-------------|-------------------------|----------|
| * Adrenal Cortex                          |             | Leukemia Mononuclear    |          |
| * Adrenal Medulla                         |             | Leukemia Mononuclear    |          |
|   |             | Pheochromocytoma Benign |          |
| * Bone Marrow                             |             | Leukemia Mononuclear    |          |
| * Brain                                   |             | Leukemia Mononuclear    |          |
| [ Leukemia Mononuclear TGLS = 5-1 ]       |             |                         |          |
| * Heart                                   |             | Cardiomyopathy          | Mild     |
|   |             | Leukemia Mononuclear    |          |
| * Kidney                                  |             | Leukemia Mononuclear    |          |
|   |             | Nephropathy             | Mild     |
| * Liver                                   |             | Basophilic Focus        |          |
|   |             | Hepatocellular Adenoma  | Multiple |
|   |             | Leukemia Mononuclear    |          |
| [ Leukemia Mononuclear TGLS = 4-6+6.1 ]   |             |                         |          |
| * Lung                                    |             | Leukemia Mononuclear    |          |
| Lymph Node                                | Mediastinal | Leukemia Mononuclear    |          |
|   | Pancreatic  | Leukemia Mononuclear    |          |
| [ Leukemia Mononuclear TGLS = 3-9.1,6-3 ] |             |                         |          |
| [ Leukemia Mononuclear TGLS = 3-9.1,6-3 ] |             |                         |          |
| * Lymph Node, Mandibular                  |             | Leukemia Mononuclear    |          |
| [ Leukemia Mononuclear TGLS = 3-9.1,6-3 ] |             |                         |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 695
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891149

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 3-9.1,6-3 ]		Leukemia Mononuclear	
* Nose	Respirat Epith	Fungus Hyperkeratosis Inflammation	Mild Moderate Acute, Moderate
* Pancreas [ Thrombosis TGLS = 9-9.2 ]	Artery	Inflammation Thrombosis	Chronic Active, Moderate Marked
* Prostate		Hyperplasia	Mild
Skeletal Muscle		Atrophy	Mild
* Spleen [ Leukemia Mononuclear TGLS = 2-3.1+3.2 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 1-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

-

Animal Note: MANY TISSUES AUTOLYZED

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 65

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 4-6+6.1 ]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Fibrosis	Minimal
[ Fibrosis TGLS = 3-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,5-7 ]			
* Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 66

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 891151

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	* Parathyroid Gland	* Prostate	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Hepatodiaphragmatic Nodule	
		[ Basophilic Focus TGLS = 6-6+6.1 ]	
		[ Hepatodiaphragmatic Nodule TGLS = 5-6.1 ]	
* Nose		Fungus	Minimal
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
		[ Hyperplasia TGLS = 8-9.1+9.3 ]	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		[ Adenoma TGLS = 7-8.1 ]	
* Preputial Gland		Hyperplasia	Squamous, Marked
		Note: MORE LIKE PSEUDOEPITHELIOMATOUS HYPERPLASIA	
		[ Hyperplasia TGLS = 1-10 ]	
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 66	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891151

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Fibrosis TGLS = 3-3 ]		Fibrosis	Mild
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 2

SEX: Male

DAY ON TEST: 562

DOSE: 2.5 ML/KG

DISP: Natural Death

HISTO: 891152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Islets, Pancreatic	* Mammary Gland	* Pancreas	
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Spleen
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

Ductus Deferens [ Mesothelioma Malignant TGLS = 13-16 ]		Mesothelioma Malignant	Metastatic (Testes)
* Epididymis [ Mesothelioma Malignant TGLS = 2-7 ]		Mesothelioma Malignant	Metastatic (Uncertain Primary Site)
* Heart [ Cardiomyopathy TGLS = 10-13 ]		Cardiomyopathy	Mild
* Liver [ Fatty Change TGLS = 8-6 ]		Fatty Change	Diffuse, Mild
Lymph Node [ Pigmentation TGLS = 9-3.1 ]	Mediastinal	Pigmentation	Moderate
Mesentery [ Mesothelioma Malignant TGLS = 12-15 ]		Mesothelioma Malignant	Metastatic (Testes)
* Seminal Vesicle		Mesothelioma Malignant	Metastatic (Testes)
Skeletal Muscle		Mesothelioma Malignant	Metastatic (Testes)
* Skin [ Cyst Epithelial Inclusion TGLS = 11-17 ]		Cyst Epithelial Inclusion	
* Testes	Bilateral, Interstit Cell Tunic	Adenoma Mesothelioma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 67

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 562

**DOSE:** 2.5 ML/KG

**DISP:** Natural Death

**HISTO:** 891152

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 3-7,4-7 ]

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 68      **TRT#:** 2      **SEX:** Male      **DAY ON TEST:** 737  
**DOSE:** 2.5 ML/KG      **DISP:** Terminal Sacrifice      **HISTO:** 891153

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 5-6+6.1 ]			
Lymph Node	Pancreatic	Ectasia	Mild
[ Ectasia TGLS = 6-9.1 ]			
* Lymph Node, Mesenteric		Ectasia	Mild
[ Ectasia TGLS = 6-9.1 ]			
* Pancreas	Acinus	Hyperplasia	Moderate
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 2-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 1-7 ]			
[ Atrophy TGLS = 3-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 891154

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
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
Lymph Node	Mediastinal	Angiectasis	Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
[ Pigmentation TGLS = 6-9.1 ]			
[ Pigmentation TGLS = 6-9.1 ]			
* Nose		Fungus	Moderate
	Respirat Epith	Hyperkeratosis	Moderate
		Inflammation	Acute, Moderate
[ Hyperkeratosis TGLS = 7-12 ]			
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-14 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891155

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Clear Cell Focus TGLS = 2-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 71

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 670  
**HISTO:** 891156

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

**AUTO PRECLUDES DIAG.**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Liver		Fatty Change	Diffuse, Mild
Note: CONGESTED			
[ Fatty Change TGLS = 8-6 ]			
* Lung		Hemorrhage	Mild
		Inflammation	Acute, Moderate
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
Skeletal Muscle		Atrophy	Mild
* Spleen		Fibrosis	Marked
		Pigmentation	Moderate
[ Fibrosis TGLS = 3-3.1,4-3.1 ]			
* Stomach, Forestomach		Hyperkeratosis	Moderate
		Hyperplasia	Basal Cell, Minimal
[ Hyperkeratosis TGLS = 6-5.1 ]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 1-7 ]			
[ Atrophy TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 71

**TRT#:** 2

**DOSE:** 2.5 ML/KG

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:** 670

**HISTO:** 891156

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 72

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 656

HISTO: 891157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Osteosarcoma	
[ Osteosarcoma TGLS = 7-13 ]			
* Eye	Sclera	Mineralization	Mild
[ Mineralization TGLS = 3-14.1 ]			
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: DEGENERATION OF CENTRIOBULAR HEPATOCYTES			
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Pigmentation	Mild
[ Pigmentation TGLS = 6-3 ]			
* Lymph Node, Mandibular		Necrosis	Mild
* Nose		Inflammation	Acute, Moderate
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skeletal Muscle		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
* Stomach, Glandular		Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:41

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

**Lab:** TSI MASON

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**ANIMAL ID:** 72

**TRT#:** 2

**DOSE:** 2.5 ML/KG

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:** 656

**HISTO:** 891157

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Mineralization TGLS = 9-5.1 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 10-7 ]

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 2

SEX: Male

DAY ON TEST: 737

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891158

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	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 3-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Abscess	Mild
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-14 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 74

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 736  
**HISTO:** 891159

**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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 4-6.1 ]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Moderate
[ Adenoma TGLS = 5-9.2 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 1-7,2-7 ]			
[ Hyperplasia TGLS = 3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 75

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891160

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 5-6+6.1 ]			
* Lung		Hemorrhage	Mild
* Pancreas	Acinus	Hyperplasia	Moderate
* Preputial Gland		Abscess	Mild
[ Abscess TGLS = 2-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 2

SEX: Male

DAY ON TEST: 409

DOSE: 2.5 ML/KG

DISP: Moribund Sacrifice

HISTO: 891161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Fatty Change	Diffuse, Minimal
[ Fatty Change TGLS = 6-6 ]			
Lymph Node	Mediastinal	Angiectasis	Mild
	Mediastinal	Pigmentation	Mild
[ Angiectasis TGLS = 3-3 ]			
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8.1 ]			
* Stomach, Forestomach		Fibrosis	Moderate
		Ulcer	Moderate
[ Fibrosis TGLS = 5-5.1 ]			
[ Ulcer TGLS = 8-5.1+5.2 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 77

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Ganglioneuroma	
[ Ganglioneuroma TGLS = 13-8 ]			
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 16-6.1+6.2 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6+6.1+6.2+6.2.2 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-8.1,14-3 ]			
[ Leukemia Mononuclear TGLS = 12-8.1,14-3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-8.1,14-3 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-8.1,14-3 ]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891162

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Necrosis TGLS = 8-14,11-14 ]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[ Angiectasis TGLS = 17-8 ]			
Skeletal Muscle		Atrophy	Mild
* Spleen	Capsule	Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 9-3.1+3.2 ]			
[ Leukemia Mononuclear TGLS = 7-3.1+3.2+3.3,10-3.1+3.2+3.3,, 15-3.1+3.2+3. ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7,3-7 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 891163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |   |                           |                                |                  |
|---|---------------------------|--------------------------------|------------------|
| * Adrenal Medulla                             |                           | Pheochromocytoma Benign        |                  |
| * Kidney                                      |                           | Nephropathy                    | Mild             |
| * Liver                                       |                           | Basophilic Focus               |                  |
|   |                           | Clear Cell Focus               |                  |
|   |                           | Fatty Change                   | Diffuse, Minimal |
| [ Basophilic Focus TGLS = 4-6+6.1 ]           |                           |                                |                  |
| * Lung  |                           | Alveolar/Bronchiolar Carcinoma |                  |
| Note: NESTS OF VACUOLATED CELLS               |                           |                                |                  |
| [ Alveolar/Bronchiolar Carcinoma TGLS = 3-3 ] |                           |                                |                  |
| * Pancreas                                    | Acinus                    | Hyperplasia                    | Marked           |
| * Spleen                                      |                           | Hemangioma                     |                  |
| [ Hemangioma TGLS = 2-3.1 ]                   |                           |                                |                  |
| * Testes                                      | Bilateral, Interstit Cell | Adenoma                        |                  |
| [ Adenoma TGLS = 1-7 ]                        |                           |                                |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891164

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
Lymph Node	Pancreatic	Ectasia	Mild
[ Ectasia TGLS = 6-9.1 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-14,2-15 ]			
* Pancreas	Acinus	Atrophy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 80	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 575
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891165

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* 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	Skeletal Muscle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Esophagus		Hyperkeratosis	Moderate
* Intestine Large, Cecum		Inflammation	Granulomatous, Moderate
		Ulcer	Moderate
	[ Ulcer TGLS = 2-5.2 ]		
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
	[ Fatty Change TGLS = 9-6 ]		
* Spleen		Pigmentation	Mild
	[ Pigmentation TGLS = 4-3 ]		
* Stomach, Forestomach		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |   |                           |                            |             |
|---|---------------------------|----------------------------|-------------|
| * Adrenal Medulla                           |                           | Hyperplasia                | Moderate    |
| * Heart                                     |                           | Cardiomyopathy             | Mild        |
| * Kidney                                    |                           | Nephropathy                | Mild        |
| * Liver                                     |                           | Basophilic Focus           |             |
|   |                           | Clear Cell Focus           |             |
|   |                           | Hepatodiaphragmatic Nodule |             |
|   |                           | Leukemia Mononuclear       |             |
|   |                           |                            |             |
| [ Basophilic Focus TGLS = 7-6+6.1 ]         |                           |                            |             |
| [ Hepatodiaphragmatic Nodule TGLS = 6-6.1 ] |                           |                            |             |
| [ Leukemia Mononuclear TGLS = 3-6+6.1 ]     |                           |                            |             |
| * Lung                                      |                           | Leukemia Mononuclear       |             |
| * Nose                                      |                           | Inflammation               | Acute, Mild |
| * Pancreas                                  | Acinus                    | Atrophy                    | Moderate    |
|   | Acinus                    | Hyperplasia                | Mild        |
| * Prostate                                  |                           | Hyperplasia                | Mild        |
| * Spleen                                    |                           | Leukemia Mononuclear       |             |
|   |                           |                            |             |
| [ Leukemia Mononuclear TGLS = 4-3 ]         |                           |                            |             |
| * Testes                                    | Bilateral, Interstit Cell | Adenoma                    |             |
|   |                           |                            |             |
| [ Adenoma TGLS = 1-7,2-7 ]                  |                           |                            |             |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 707

HISTO: 891167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                     |                      |                        |                   |
|---------------------|----------------------|------------------------|-------------------|
| * Bone              | * Bone Marrow        | * Brain                | * Epididymis      |
| * Esophagus         | * Islets, Pancreatic | * Mammary Gland        | * Pancreas        |
| * Parathyroid Gland | * Pituitary Gland    | * Prostate             | * Salivary Glands |
| * Seminal Vesicle   | Skeletal Muscle      | * Stomach, Forestomach | * Thyroid Gland   |
| * Trachea           | * Urinary Bladder    |                        |                   |

MISSING

- \* Thymus

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- |                          |  |                         |                 |
|--------------------------|--|-------------------------|-----------------|
| * Adrenal Cortex         |  | Leukemia Mononuclear    |                 |
| * Adrenal Medulla        |  | Leukemia Mononuclear    |                 |
|                          | Bilateral                              | Pheochromocytoma Benign |                 |
|                          | [ Pheochromocytoma Benign TGLS = 4-8 ] |                         |                 |
| * Heart                  |  | Cardiomyopathy          | Moderate        |
| * Kidney                 |  | Nephropathy             | Minimal         |
| * Liver                  |  | Leukemia Mononuclear    |                 |
|                          | [ Leukemia Mononuclear TGLS = 5-6 ]    |                         |                 |
| * Lung                   |  | Leukemia Mononuclear    |                 |
| Lymph Node               | Mediastinal                            | Angiectasis             | Moderate        |
|                          | Mediastinal                            | Leukemia Mononuclear    |                 |
|                          | [ Angiectasis TGLS = 7-3 ]             |                         |                 |
|                          | [ Leukemia Mononuclear TGLS = 9-9 ]    |                         |                 |
| * Lymph Node, Mandibular |  | Leukemia Mononuclear    |                 |
|                          | [ Leukemia Mononuclear TGLS = 9-9 ]    |                         |                 |
| * Lymph Node, Mesenteric |  | Leukemia Mononuclear    |                 |
|                          | [ Leukemia Mononuclear TGLS = 9-9 ]    |                         |                 |
| * Nose                   |  | Fungus                  | Moderate        |
|                          |  | Inflammation            | Acute, Moderate |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 82	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 707
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891167

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland [ Adenoma TGLS = 2-10 ]		Adenoma	
* Skin [ Cyst Epithelial Inclusion TGLS = 1-14 ]		Cyst Epithelial Inclusion	
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular [ Erosion TGLS = 6-5.1 ]		Erosion	Minimal
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 83

TRT#: 2

SEX: Male

DAY ON TEST: 599

DOSE: 2.5 ML/KG

DISP: Moribund Sacrifice

HISTO: 891168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Epididymis
* Esophagus	Eye	* 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
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
Note: DISTENDED VENTRICLES			
[ Compression TGLS = 4-1 ]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[ Adenoma TGLS = 1-8.1 ]			
* Stomach, Forestomach		Ulcer	Minimal
[ Ulcer TGLS = 3-5.1 ]			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 84

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 3-6 ]			
[ Clear Cell Focus TGLS = 6-6.1 ]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Mild
[ Adenoma TGLS = 5-9.1+9.2 ]			
* Preputial Gland		Abscess	Moderate
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 85

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 720

**DOSE:** 2.5 ML/KG

**DISP:** Natural Death

**HISTO:** 891170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Esophagus	* Intestine Large, Rectum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 18-4 ]		
* Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11-6+6.1+6.2+6.3,20-6+6.2,, 21-6.1,22-6.3,23-6.3 ]		
* Lung		Edema	Minimal
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 25-2+2.1+3 ]		
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]		
	[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 720
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891170

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]			
[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]			
[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9,8-8,10-15,12-16,13-3 ]			
Mesentery		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-14 ]			
* Nose		Fungus	Mild
	Respirat Epith	Hyperkeratosis	Mild
		Inflammation	Acute, Mild
		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-9.1+9.2 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
		Leukemia Mononuclear	
[ Adenoma TGLS = 14-8 ]			
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 24-7.1 ]			
Skeletal Muscle		Leukemia Mononuclear	
* Skin		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3.1,16-3.1,17-3.1 ]			
* Stomach, Forestomach		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-5.1+5.2,19-5.1+5.2 ]			
* Stomach, Glandular		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 720
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891170

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Leukemia Mononuclear TGLS = 9-5.1+5.2,19-5.1+5.2 ]		
* Testes	Bilateral, Interstit Cell	Adenoma
[ Adenoma TGLS = 2-7 ]		
* Thymus		Leukemia Mononuclear
* Thyroid Gland		Leukemia Mononuclear
* Urinary Bladder		Leukemia Mononuclear
[ Leukemia Mononuclear TGLS = 4-9 ]		

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 86

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891171

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Spleen		Leukemia Mononuclear
* Testes	Bilateral, Interstit Cell	Adenoma
[ Adenoma TGLS = 1-7,5-7 ]		

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 87

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 619  
**HISTO:** 891172

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Intestine Large, Cecum	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Malignant	
	[ Pheochromocytoma Malignant TGLS = 7-8 ]		
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 10-13.1 ]		
* Intestine Large, Colon	Lymphoid Tiss	Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[ Hepatodiaphragmatic Nodule TGLS = 9-6.1 ]		
	[ Leukemia Mononuclear TGLS = 13-6+6.1+6.2, 14-6+6.1+6.2 ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 12-2+3 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-9, 11-3 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-9, 11-3 ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:41  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 87	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 619
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891172

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 3-9,11-3 ]		Leukemia Mononuclear	
* Nose		Fungus Inflammation	Moderate Acute, Moderate
* Pituitary Gland Skeletal Muscle [ Mesothelioma Malignant TGLS = 8-16 ]		Leukemia Mononuclear Mesothelioma Malignant	Metastatic (Uncertain Primary Site)
* Skin [ Fibroma TGLS = 1-14 ]	Subcut Tiss	Fibroma	
* Spleen [ Infarct TGLS = 6-3.3 ] [ Leukemia Mononuclear TGLS = 5-3.1+3.2+3.3 ]		Infarct Leukemia Mononuclear	Moderate
* Testes [ Adenoma TGLS = 4-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:41

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 2

SEX: Male

DAY ON TEST: 737

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891173

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]			
* Pancreas	Acinus	Hyperplasia	Mild
* Skin		Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 3-14 ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thyroid Gland	Bilateral, C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 89

TRT#: 2

SEX: Male

DAY ON TEST: 737

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

Blood		Leukemia Mononuclear	
* Bone		Hyperostosis	
[ Hyperostosis TGLS = 9-14 ]			
* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 8-13 ]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 10-6+6.1 ]			
[ Leukemia Mononuclear TGLS = 7-6+6.1 ]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 6-9.1 ]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 1-10.1 ]			
* Prostate		Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Skin		Erosion	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891174

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Erosion TGLS = 2-10.1 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 90

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 891175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                 |                           |                         |                   |
|---------------------------------|---------------------------|-------------------------|-------------------|
| * Adrenal Medulla               |                           | Pheochromocytoma Benign |                   |
| * Heart                         |                           | Cardiomyopathy          | Mild              |
| * Liver                         |                           | Basophilic Focus        |                   |
|                                 |                           | Clear Cell Focus        |                   |
|                                 |                           | Fatty Change            | Diffuse, Minimal  |
| [ Clear Cell Focus TGLS = 4-6 ] |                           |                         |                   |
| * Nose                          |                           | Fungus                  | Moderate          |
|                                 |                           | Inflammation            | Acute, Mild       |
|                                 | Respirat Epith            | Metaplasia              | Squamous, Minimal |
| * Pancreas                      | Acinus                    | Atrophy                 | Minimal           |
| * Pituitary Gland               | Pars Distalis             | Adenoma                 |                   |
|                                 | Pars Distalis             | Angiectasis             | Mild              |
| * Testes                        | Bilateral, Interstit Cell | Adenoma                 |                   |
| [ Adenoma TGLS = 2-7,5-7 ]      |                           |                         |                   |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 669

HISTO: 891176

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, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Intestine Large, Colon

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 5-8 ]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
Note: POST-MORTEM CONGESTION			
[ Clear Cell Focus TGLS = 11-6.1 ]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
* Pancreas	Acinus	Atrophy	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,6-7,10-7 ]			
* Thyroid Gland	C Cell	Carcinoma	
[ Carcinoma TGLS = 7-2,8-14 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 2

DOSE: 2.5 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 891177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
Note: NEST OF CELLS WITH HYPERCHROMATIC NUCLEI [ Adenoma TGLS = 5-9.2 ]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Leukemia Mononuclear TGLS = 8-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[ Adenoma TGLS = 6-8 ]			
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 3-3.1 ]			
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus	Epithel Cell	Thymoma Benign	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 92

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 736  
**HISTO:** 891177

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Tongue  
[ Hemorrhage TGLS = 7-14 ]

Hemorrhage

Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-13 ]		
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-6,9-6.1,10-6.2 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-9.1 ]		
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland	Bilateral	Adenoma	
	[ Adenoma TGLS = 2-10.1,7-10.1 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891178

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skin [ Mineralization TGLS = 1-14 ]		Mineralization	Moderate
* Spleen [ Leukemia Mononuclear TGLS = 4-3 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 94

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 586

**DOSE:** 2.5 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum	Lymphoid Tiss	Leukemia Mononuclear	
* Intestine Small, Ileum	Lymphoid Tiss	Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	[ Leukemia Mononuclear TGLS = 5-4 ]		
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-6+6.1,11-6+6.1 ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 9-2+3 ]		
Lymph Node	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-9,4-9.1,6-15 ]		
	[ Leukemia Mononuclear TGLS = 2-9,4-9.1,6-15 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 586
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891179

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 2-9,4-9.1,6-15 ]		
* Lymph Node, Mesenteric	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9,4-9.1,6-15 ]		
* Nose	Fungus Inflammation	Moderate Acute, Mild
* Pituitary Gland	Leukemia Mononuclear	
* Preputial Gland	Leukemia Mononuclear	
* Skin	Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 1-14 ]		
* Spleen	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3.1 ]		
* Testes	Bilateral, Interstit Cell Adenoma	
[ Adenoma TGLS = 10-7 ]		
* Thymus	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3 ]		
* Urinary Bladder	Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891180

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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
Note: THERE ARE 2 BASOPHILIC FOCI - ONE IS ATYPICAL.			
Note: [ BASOPH FOCUS ] TGLs = 4-6+6.1			
Note: PELIOSIS AND SPONGIOSIS HEPATIS			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild
	[ Adenoma TGLS = 3-9.1+9.2 ]		
* Preputial Gland		Abscess	Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7,2-7 ]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 7-6+6.1 ]			
Mesentery	Fat	Necrosis	Mild
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 97

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 2.5 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Hepatocellular Adenoma	
<p>Note: BASOPHILIC FOCUS IS ATYPICAL.          [ Hepatocellular Adenoma TGLS = 3-6.1 ]</p>			
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Mild
<p>[ Adenoma TGLS = 5-9.2 ]</p>			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
<p>[ Adenoma TGLS = 1-7 ]</p>			
* Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 98

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 2.5 ML/KG

DISP: Terminal Sacrifice

HISTO: 891183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 9-8 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Mild
[ Hydronephrosis TGLS = 11-4 ]			
[ Nephropathy TGLS = 10-4 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 13-6+6.1 ]			
[ Fatty Change TGLS = 12-6+6.1 ]			
* Nose		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Developmental Malformation	Moderate
Note: CONSISTENT WITH HERNIAL SAC			
[ Developmental Malformation TGLS = 2-15+15.1, 1-15+15.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 2.5 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891183

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* 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:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 99

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 736  
**HISTO:** 891184

**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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Thymus
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**OBSERVATIONS**

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Clear Cell Focus TGLS = 2-6 ]			
* Lung		Foreign Body	Mild
		Inflammation	Granulomatous, Mild
Note: HAIR SHAFTS IN A GRANULOMA			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-14 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 100

**TRT#:** 2  
**DOSE:** 2.5 ML/KG

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

**DAY ON TEST:** 520  
**HISTO:** 891185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**MISSING**

\* Parathyroid Gland                      \* Thymus

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Seminal Vesicle	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Medulla [ Pheochromocytoma Complex TGLS = 1-4.1+4.2 ]		Pheochromocytoma Complex	
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
* Pancreas	Acinus	Hyperplasia	Mild
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 101

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891086

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Int Lg Rectum			
Note: FATTY TISSUE ADJACENT TO RECTUM			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 3-6.1 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 6-2 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
* Prostate		Hyperplasia	Minimal
Skeletal Muscle		Atrophy	Mild
* Skin		Fibrosis	Mild
[ Fibrosis TGLS = 4-14 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 101

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 735  
**HISTO:** 891086

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 102

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 891087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	[ Hepatodiaphragmatic Nodule TGLS = 3-6.1,4-6.1 ]		
	[ Mixed Cell Focus TGLS = 6-6+6.1 ]		
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7,2-7 ]		
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	[ Adenoma TGLS = 5-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 891088

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	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 3-6+6.1 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Marked
Note: ONE ADENOMA ON SLIDE #5			
* Preputial Gland		Abscess	Mild
[ Abscess TGLS = 4-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7+7.2 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 104

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 706

**DOSE:** 5.0 ML/KG

**DISP:** Natural Death

**HISTO:** 891089

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**AUTO PRECLUDES DIAG.**

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

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Moderate
[ Necrosis TGLS = 3-6 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Angiectasis	Moderate
[ Angiectasis TGLS = 5-3,9-8 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 5-3,9-8 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLS = 6-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 104	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 706
	<b>DOSE:</b> 5.0 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891089

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach [ Hyperkeratosis TGLS = 10-5.2+5.4 ]	Hyperkeratosis	Mild
* Stomach, Glandular	Erosion Leiomyosarcoma	Mild
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED. [ Erosion TGLS = 11-5.4 ] [ Leiomyosarcoma TGLS = 4-5.1+5.2+5.3+5.4+5.5 ]		
* Testes [ Adenoma TGLS = 7-7 ]	Bilateral, Interstit Cell Adenoma	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 105

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 707

HISTO: 891090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-1 ]		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-9.1+9.2 ]			
[ Leukemia Mononuclear TGLS = 7-9.1+9.2 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-9.1+9.2 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-9.1+9.2 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pituitary Gland		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 105	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 707
	<b>DOSE:</b> 5.0 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891090

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Seminal Vesicle [ Leukemia Mononuclear TGLS = 4-7.1 ]		Leukemia Mononuclear	
* Spleen [ Infarct TGLS = 6-3.1 ] [ Leukemia Mononuclear TGLS = 5-3.1 ]		Infarct Leukemia Mononuclear	Mild
* Stomach, Glandular [ Erosion TGLS = 9-5.1 ]		Erosion	Minimal
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |   |                           |                      |             |
|---|---------------------------|----------------------|-------------|
| * Adrenal Medulla                           |                           | Hyperplasia          | Mild        |
| Blood                                       |                           | Leukemia Mononuclear |             |
| * Heart                                     |                           | Cardiomyopathy       | Mild        |
| * Kidney                                    |                           | Nephropathy          | Minimal     |
| * Liver                                     |                           | Leukemia Mononuclear |             |
| [ Leukemia Mononuclear TGLS = 5-6+6.1 ]     |                           |                      |             |
| * Lung                                      |                           | Leukemia Mononuclear |             |
| * Lymph Node, Mandibular                    |                           | Leukemia Mononuclear |             |
| * Lymph Node, Mesenteric                    |                           | Leukemia Mononuclear |             |
| * Nose                                      |                           | Fungus               | Moderate    |
|   |                           | Inflammation         | Acute, Mild |
| * Pancreas                                  | Acinus                    | Atrophy              | Mild        |
| * Spleen                                    |                           | Leukemia Mononuclear |             |
| [ Leukemia Mononuclear TGLS = 3-3.1,4-3.1 ] |                           |                      |             |
| * Testes                                    | Bilateral, Interstit Cell | Adenoma              |             |
| [ Adenoma TGLS = 1-7,2-7 ]                  |                           |                      |             |
| * Thymus                                    |                           | Leukemia Mononuclear |             |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891092

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   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | Skeletal Muscle           | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |   |                           |                            |         |
|---|---------------------------|----------------------------|---------|
| * Heart                                     |                           | Cardiomyopathy             | Mild    |
| * Kidney                                    |                           | Nephropathy                | Minimal |
| * Liver                                     |                           | Basophilic Focus           |         |
|   |                           | Hepatodiaphragmatic Nodule |         |
| [ Basophilic Focus TGLS = 3-6.1 ]           |                           |                            |         |
| [ Hepatodiaphragmatic Nodule TGLS = 2-6.2 ] |                           |                            |         |
| * Testes                                    | Bilateral, Interstit Cell | Adenoma                    |         |
| [ Adenoma TGLS = 1-7 ]                      |                           |                            |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891093

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	* Nose	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 4-6.4+6.2 ]			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 3-9.1 ]			
* Prostate		Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 1-7 ]			
[ Atrophy TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 891094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 6-9.2 ]			
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Mixed Cell Focus TGLS = 5-6+6.1 ]		Mixed Cell Focus	
* Nose		Inflammation	Acute, Moderate
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[ Adenoma TGLS = 3-8 ]			
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild

Note: HYPERPLASIA AND ADENOMA NOT IN SAME TESTIS

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 109

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 735  
**HISTO:** 891094

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ 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:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 110

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891095

**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	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 5-6.1 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
* Pancreas	Acinus	Hyperplasia	Mild
* Preputial Gland		Abscess	Mild
[ Abscess TGLS = 1-10 ]			
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891096

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	* Nose	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 5-6.1 ]			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 4-9.2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Abscess	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Skin	Subcut Tiss	Hemangioma	
[ Hemangioma TGLS = 1-14 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 891097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                   |   |                            |             |
|-------------------|---|----------------------------|-------------|
| * Adrenal Medulla |   | Hyperplasia                | Minimal     |
| * Kidney          |   | Nephropathy                | Minimal     |
| * Liver           |   | Basophilic Focus           |             |
|                   |   | Hepatodiaphragmatic Nodule |             |
|                   |   | Leukemia Mononuclear       |             |
|                   |   | Mixed Cell Focus           |             |
|                   | [ Hepatodiaphragmatic Nodule TGLS = 4-6 ] |                            |             |
|                   | [ Mixed Cell Focus TGLS = 5-6+6.1 ]       |                            |             |
| * Nose            |   | Inflammation               | Acute, Mild |
| * Skin            |   | Squamous Cell Papilloma    |             |
|                   | [ Squamous Cell Papilloma TGLS = 3-14 ]   |                            |             |
| * Spleen          |   | Leukemia Mononuclear       |             |
| * Testes          | Interstit Cell                            | Adenoma                    |             |
|                   | Seminif Tub                               | Atrophy                    | Marked      |
|                   | [ Adenoma TGLS = 2-7 ]                    |                            |             |
|                   | [ Atrophy TGLS = 1-7 ]                    |                            |             |
| * Thymus          | Epithel Cell                              | Hyperplasia                | Mild        |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 113

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 891098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Eosinophilic Focus TGLS = 3-6.1 ]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 4-9.2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 5-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 114

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891099

**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, 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**

Blood		Leukemia Mononuclear	
Eye	Lens	Cataract	Minimal
[ Cataract TGLS = 1-14 ]			
* Heart		Cardiomyopathy	Moderate
[ Leukemia Mononuclear TGLS = 7-13 ]		Leukemia Mononuclear	
* Intestine Small, Ileum		Fibrosis	Mild
	Lymphoid Tiss	Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 6-6.1 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 114	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 5.0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891099

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Acinus	Carcinoma	
	Acinus	Hyperplasia	Mild
Note: WELL ENCAPSULATED ADENOMA [ Carcinoma TGLS = 4-9.2 ]			
Skeletal Muscle		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

-

Animal Note: QUESTIONABLE AREA OF FIBROSIS ON SEROSAL SIDE

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 115

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891100

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 7-6+6.1 ]			
[ Leukemia Mononuclear TGLS = 5-6+6.1 ]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-14+14.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 4-3.1 ]			
[ Leukemia Mononuclear TGLS = 6-3+3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 115

**TRT#:** 3

**DOSE:** 5.0 ML/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 735

**HISTO:** 891100

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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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 116

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 891101

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	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 5-6.1 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Mild
Note: POLYARTERITIS			
[ Inflammation TGLS = 2-9.2 ]			
* Pituitary Gland	Pars Distalis	Cyst	
* Skin		Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 1-14+14.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 117

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 721

HISTO: 891102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                 |                             |                      |                          |
|-----------------|-----------------------------|----------------------|--------------------------|
| * Bone          | * Bone Marrow               | * Brain              | * Epididymis             |
| * Esophagus     | * Intestine Small, Duodenum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Mammary Gland | * Nose                      | * Pituitary Gland    | * Preputial Gland        |
| * Prostate      | * Salivary Glands           | * Seminal Vesicle    | Skeletal Muscle          |
| * Skin          | * Stomach, Forestomach      | * Stomach, Glandular | * Thyroid Gland          |
| * Trachea       | * Urinary Bladder           |                      |                          |

MISSING

- \* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- |   |             |                      |          |
|---|-------------|----------------------|----------|
| * Adrenal Cortex                          |             | Leukemia Mononuclear |          |
| * Adrenal Medulla                         |             | Leukemia Mononuclear |          |
| * Heart                                   |             | Cardiomyopathy       | Moderate |
| * Kidney                                  |             | Nephropathy          | Minimal  |
| * Liver                                   |             | Basophilic Focus     |          |
|   |             | Leukemia Mononuclear |          |
| * Lung                                    |             | Edema                | Mild     |
|   |             | Leukemia Mononuclear |          |
| Lymph Node                                | Mediastinal | Leukemia Mononuclear |          |
| [ Leukemia Mononuclear TGLS = 7-3 ]       |             |                      |          |
| * Lymph Node, Mesenteric                  |             | Leukemia Mononuclear |          |
| [ Leukemia Mononuclear TGLS = 7-3 ]       |             |                      |          |
| * Pancreas                                | Acinus      | Atrophy              | Mild     |
|   | Acinus      | Hyperplasia          | Marked   |
| * Spleen                                  | Capsule     | Hemorrhage           | Moderate |
|   |             | Leukemia Mononuclear |          |
| [ Hemorrhage TGLS = 6-3.2 ]               |             |                      |          |
| [ Leukemia Mononuclear TGLS = 5-3.1+3.2 ] |             |                      |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 117

**TRT#:** 3

**DOSE:** 5.0 ML/KG

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:** 721

**HISTO:** 891102

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Testes

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

Bilateral, Interstit Cell

Adenoma

\* Thymus

Leukemia Mononuclear

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 118

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 576  
**HISTO:** 891103

**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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Nose		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Moderate
* Preputial Gland		Adenoma	
	[ Adenoma TGLS = 1-10.1 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-3 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 4-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 891104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
[ Basophilic Focus TGLS = 4-6+6.1 ]			
[ Basophilic Focus TGLS = 4-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[ Adenoma TGLS = 3-8 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thyroid Gland	C Cell	Adenoma	
[ Adenoma TGLS = 5-2 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 120

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 560

**DOSE:** 5.0 ML/KG

**DISP:** Natural Death

**HISTO:** 891105

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-6+6.1 ]			
* Pancreas	Acinus	Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Interstit Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 121

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891106

**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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 2-6+6.1 ]			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 5-9.1+9.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891107

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           | * Nose                      | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | Skeletal Muscle           | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

OBSERVATIONS

- |                                 |                           |                  |          |
|---------------------------------|---------------------------|------------------|----------|
| * Heart                         |                           | Cardiomyopathy   | Moderate |
| * Kidney                        |                           | Nephropathy      | Moderate |
| * Liver                         |                           | Basophilic Focus |          |
|                                 |                           | Clear Cell Focus |          |
| [ Basophilic Focus TGLS = 4-6 ] |                           |                  |          |
| * Pancreas                      | Acinus                    | Atrophy          | Mild     |
|                                 | Acinus                    | Hyperplasia      | Minimal  |
| * Testes                        | Bilateral, Interstit Cell | Adenoma          |          |
| [ Adenoma TGLS = 1-7,2-7 ]      |                           |                  |          |
| * Thyroid Gland                 | C Cell                    | Hyperplasia      | Mild     |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 569

HISTO: 891108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 4-7+7.1 ]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Mesothelioma Malignant	Metastatic (Testes)
* Intestine Large, Colon		Mesothelioma Malignant	Metastatic (Testes)
* Intestine Small, Ileum		Mesothelioma Malignant	Metastatic (Testes)
* Kidney		Mesothelioma Malignant	Metastatic (Testes)
		Nephropathy	Minimal
Note: PIGMENT IN RENAL TUBULES			
* Liver		Fatty Change	Diffuse, Minimal
		Mesothelioma Malignant	Metastatic (Testes)
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mediastinal	Pigmentation	Moderate
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 11-14 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild
		Mesothelioma Malignant	Metastatic (Testes)
[ Adenoma TGLS = 7-9.2+14 ]			
* Prostate		Mesothelioma Malignant	Metastatic (Testes)
* Seminal Vesicle		Mesothelioma Malignant	Metastatic (Testes)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 123	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 569
	<b>DOSE:</b> 5.0 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891108

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Skeletal Muscle		Atrophy	Mild
		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 1-16,2-17,9-15 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Mesothelioma Malignant	Metastatic (Testes)
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Tunic	Mesothelioma Malignant	
[ Adenoma TGLS = 3-7 ]			
[ Atrophy TGLS = 5-7.1 ]			
* Urinary Bladder		Mesothelioma Malignant	Metastatic (Testes)

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891109

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	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 3-6+6.1 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 2-14 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 125

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891110

**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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 1-6+6.1 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 3-10 ]			
* Prostate		Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 126

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891111

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 2-6+6.1 ]			
* Lymph Node, Mesenteric		Necrosis	Minimal
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Prostate		Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 127

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 432

**DOSE:** 5.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891112

**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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

Harderian Gland [ Carcinoma TGLS = 1-14 ]		Carcinoma	
* Heart		Cardiomyopathy	Mild
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Skeletal Muscle		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes [ Adenoma TGLS = 3-6 ]	Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 128

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 734  
**HISTO:** 891113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
Lymph Node	Mediastinal	Angiectasis	Moderate
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891114

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
* Nose		Fungus	Moderate
	Respirat Epith	Hyperkeratosis	Moderate
		Inflammation	Acute, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		
* Thymus	Epithel Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 555

HISTO: 891115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1 ]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1 ]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1 ]	
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 4-3 ]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 1-7,2-7 ]	
* Thymus		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 130

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 555

**DOSE:** 5.0 ML/KG

**DISP:** Natural Death

**HISTO:** 891115

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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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 891116

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 2-9.2 ]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]		Hepatodiaphragmatic Nodule	
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
Note: HYPERPLASIA IN SECTION ON SLIDE #5			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Abscess	Moderate
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-14 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 891117

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

\* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 6-13 ]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 7-6+6.1 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Prostate		Hyperplasia	Minimal
[ Hyperplasia TGLS = 5-7.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 132

**TRT#:** 3

**DOSE:** 5.0 ML/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 736

**HISTO:** 891117

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 133

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 891118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 3-8 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 5-6.1+6.2 ]			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 7-9.2 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Prostate		Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 133

**TRT#:** 3

**DOSE:** 5.0 ML/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 736

**HISTO:** 891118

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 134

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 891119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 5-8 ]			
Eye		Synechia	Mild
[ Synechia TGLS = 6-14 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 8-6+6.1 ]			
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 9-9.2 ]			
* Preputial Gland	Bilateral	Adenoma	
[ Adenoma TGLS = 1-10.1,2-10.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 135

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891120

**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	* Preputial Gland	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 4-6+6.1 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-14 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Skin		Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 1-15+15.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891121

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 4-6.1 ]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 5-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 137

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891122

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 6-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Testes	Interstitial Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 138

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 735  
**HISTO:** 891123

**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	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Basophilic Focus TGLS = 6-6.1 ]			
[ Hepatodiaphragmatic Nodule TGLS = 4-6,5-6 ]			
* Nose		Metaplasia	Cartilagenous, Mild
* Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 7-9.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 139

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
[ Basophilic Focus TGLS = 2-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Hepatodiaphragmatic Nodule	
[ Clear Cell Focus TGLS = 4-6+6.1 ]			
[ Hepatodiaphragmatic Nodule TGLS = 3-6 ]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 2-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 141

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 5.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891126

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
Lymph Node	Mediastinal	Angiectasis	Moderate
[ Angiectasis TGLS = 6-3 ]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[ Ectasia TGLS = 5-15 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-14 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thyroid Gland	Bilateral, C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 3

SEX: Male

DAY ON TEST: 386

DOSE: 5.0 ML/KG

DISP: Moribund Sacrifice

HISTO: 891127

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Fatty Change	Diffuse, Minimal
[ Fatty Change TGLS = 3-6+6.1 ]			
Lymph Node	Pancreatic	Angiectasis	Minimal
[ Angiectasis TGLS = 1-9.1.1 ]			
Spinal Cord		Hemorrhage	Mild
Note: HEMORRHAGE MAY CORRESPOND TO PARALYSIS			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 143

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 734  
**HISTO:** 891128

**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	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 5-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[ Angiectasis TGLS = 8-8 ]			
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-14 ]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 4-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 144

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 562

**DOSE:** 5.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891129

**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	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**MISSING**

* Parathyroid Gland	* Thyroid Gland
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**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Diffuse, Mild
[ Fatty Change TGLS = 1-6 ]			
Lymph Node	Mediastinal	Angiectasis	Moderate
[ Angiectasis TGLS = 2-2+3 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[ Adenoma TGLS = 3-8 ]			
* Spleen		Pigmentation	Moderate
[ Pigmentation TGLS = 4-2+3 ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 5-5.1 ]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus	Epithel Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891130

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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
[ Cataract TGLS = 1-14 ]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 3-6+6.1 ]			
Lymph Node	Mediastinal	Angiectasis	Mild
* Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 146

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 632

**DOSE:** 5.0 ML/KG

**DISP:** Natural Death

**HISTO:** 891131

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Stomach, Glandular
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-1,11-1 ]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.2,13-9.2 ]			
[ Leukemia Mononuclear TGLS = 6-9.2,13-9.2 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.2,13-9.2 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.2,13-9.2 ]			
Mesentery		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-15 ]			
* Pancreas	Acinus	Hyperplasia	Mild
* Skin		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 146

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 632  
**HISTO:** 891131

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Ulcer TGLS = 9-14 ]		Ulcer	Moderate
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1,5-9.1 ]			
* Stomach, Forestomach		Hyperkeratosis	Mild
[ Hyperkeratosis TGLS = 12-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 147

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 726

**DOSE:** 5.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891132

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
Note: BOTH PELIOSIS HEPATIS AND SPONGIOSIS HEPATIS			
[ Leukemia Mononuclear TGLS = 7-6+6.1+6.2 ]			
* Lung		Edema	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-2+3 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8,4-3,11-9 ]			
[ Leukemia Mononuclear TGLS = 2-8,4-3,11-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8,4-3,11-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8,4-3,11-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 147	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 726
	<b>DOSE:</b> 5.0 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891132

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Abscess	Moderate
Skeletal Muscle		Atrophy	Mild
* Spleen		Infarct	Moderate
		Leukemia Mononuclear	
[ Infarct TGLS = 5-3.1 ]			
[ Leukemia Mononuclear TGLS = 1-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 8-7,9-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 148

TRT#: 3

DOSE: 5.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 891133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Fatty Change TGLS = 3-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
[ Hyperplasia TGLS = 6-9.1 ]			
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-14.1 ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,4-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 148

**TRT#:** 3  
**DOSE:** 5.0 ML/KG

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

**DAY ON TEST:** 734  
**HISTO:** 891133

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891134

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	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Nose	* Pituitary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 6-6.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
[ Hyperplasia TGLS = 5-9.2 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-14 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 5.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                     |                           |                  |                  |
|-------------------------------------|---------------------------|------------------|------------------|
| * Adrenal Medulla                   |                           | Hyperplasia      | Minimal          |
| * Heart                             |                           | Cardiomyopathy   | Mild             |
| * Kidney                            |                           | Nephropathy      | Minimal          |
| * Liver                             |                           | Basophilic Focus |                  |
|                                     |                           | Fatty Change     | Diffuse, Minimal |
| [ Basophilic Focus TGLS = 3-6+6.1 ] |                           |                  |                  |
| * Nose                              |                           | Fungus           | Minimal          |
|                                     |                           | Inflammation     | Acute, Minimal   |
| * Pancreas                          | Acinus                    | Adenoma          |                  |
|                                     | Acinus                    | Atrophy          | Mild             |
| [ Adenoma TGLS = 5-9.2 ]            |                           |                  |                  |
| * Parathyroid Gland                 |                           | Hyperplasia      | Mild             |
| * Pituitary Gland                   | Pars Distalis             | Hyperplasia      | Mild             |
| * Testes                            | Bilateral, Interstit Cell | Adenoma          |                  |
| [ Adenoma TGLS = 1-7,2-7 ]          |                           |                  |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 151

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	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	Lymph Node, Mesenteric
Mammary Gland	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Eye	Retina	Atrophy Synechia	Moderate Mild
[ Synechia TGLS = 6-14 ]			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus Fatty Change	Diffuse, Mild
[ Basophilic Focus TGLS = 5-6 ]			
[ Fatty Change TGLS = 8-6+6.1 ]			
Lung	Alveolar Epith	Hyperplasia	Mild
Mesentery	Fat Fat	Mineralization Necrosis	Mild Marked
[ Necrosis TGLS = 3-15 ]			
Nose		Inflammation	Acute, Minimal
Pancreas	Acinus Acinus	Adenoma Atrophy	Multiple Mild
[ Adenoma TGLS = 4-9.2 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 7-8 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 152

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890985

**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	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

**OBSERVATIONS**

Eye	Retina	Atrophy Synechia	Moderate Moderate
[ Synechia TGLS = 1-14 ]			
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus Fatty Change	Focal, Minimal
Lung		Hemorrhage	Mild
[ Hemorrhage TGLS = 7-2.1 ]			
Nose		Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7,5-7 ]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 153

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890986

**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	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
Note: SUGGESTION OF LEUKEMIA			
		[ Basophilic Focus TGLS = 5-6+6.1 ]	
		[ Fatty Change TGLS = 8-6+6.1 ]	
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild
		[ Adenoma TGLS = 7-9.2 ]	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		[ Adenoma TGLS = 4-8 ]	
Preputial Gland		Abscess	Moderate
		[ Abscess TGLS = 1-10 ]	
Prostate		Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 153

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890986

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

Thymus

Epithel Cell

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 155	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 10.0 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 890988

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
	[ Basophilic Focus TGLS = 3-6+6.2 ]		
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
	Note: ADENOMA ON SECTION #14		
Skin		Hyperkeratosis	Moderate
	[ Hyperkeratosis TGLS = 1-14.1 ]		
Spinal Cord		Astrocytoma Malignant	
	Note: SECTIONS OF SPINAL CORD 16+16.1		
Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 156

TRT#: 4

DOSE: 10.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 890989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia Pheochromocytoma Malignant	Minimal
[ Pheochromocytoma Malignant TGLS = 8-8 ]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus Fatty Change Mixed Cell Focus	Diffuse, Minimal
[ Mixed Cell Focus TGLS = 9-6+6.1 ]			
Nose		Fungus Inflammation	Moderate Acute, Minimal
Pancreas	Acinus Acinus	Adenoma Hyperplasia	Multiple Mild
[ Adenoma TGLS = 7-9.1+9.2 ]			
Skin		Basal Cell Adenoma	
[ Basal Cell Adenoma TGLS = 1-14 ]			
Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Mild
[ Adenoma TGLS = 2-7 ]			
[ Hyperplasia TGLS = 3-7 ]			
Thyroid Gland	Bilateral, C Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 156

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890989

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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:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 157

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890990

**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	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Focal, Moderate
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 3-6.1 ]			
Lymph Node	Pancreatic	Infiltration Cellular	Histiocyte, Minimal
[ Infiltration Cellular TGLS = 4-9.1 ]			
Nose		Inflammation	Acute, Minimal
Pancreas	Acinus	Hyperplasia	Moderate
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
[ Fibrosis TGLS = 2-3 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thymus	Epithel Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 158

TRT#: 4

DOSE: 10.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 890991

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	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 7-6+6.1 ]			
Mammary Gland		Galactocele	
[ Galactocele TGLS = 1-14 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-15 ]			
Nose		Inflammation	Acute, Mild
Note: PLANT MATERIAL IN NASAL CAVITY			
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
Note: ADENOMA ON SLIDE #5			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Thymus	Epithel Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 158

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890991

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Moderate

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 4

SEX: Male

DAY ON TEST: 576

DOSE: 10.0 ML/KG

DISP: Natural Death

HISTO: 890992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 4-8,1+8.2 ]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
Nose		Inflammation	Acute, Minimal
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 7-9.2 ]			
Testes	Interstitial Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 160

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890993

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	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 8-6+6.1 ]			
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 7-5+9.2 ]			
Skin		Hemorrhage	Marked
		Inflammation	Acute, Moderate
[ Hemorrhage TGLS = 1-14 ]			
Spleen			
Note: CONGESTION AND PIGMENT			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 161

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Basophilic Focus TGLS = 7-6.1 ]			
Nose			
Note: BLOOD IN NASAL CAVITY			
Pancreas	Acinus	Hyperplasia	Mild
Preputial Gland		Abscess	Moderate
[ Abscess TGLS = 1-10 ]			
Spleen		Angiectasis	Mild
		Fibrosis	Moderate
[ Fibrosis TGLS = 5-3.1,6-3.1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 162

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 10.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890995

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Cortex		Leukemia Mononuclear	
Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-4 ]			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6+6.1,8-6+6.1 ]			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-14 ]			
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
	Acinus	Hypertrophy	Focal, Mild
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 162	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 705
	<b>DOSE:</b> 10.0 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 890995

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 7-9. ]

Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 4-5.1 ]			
Testes	Interstit Cell	Adenoma	
Note: THE OTHER TESTIS AUTOLYZED			
[ Adenoma TGLS = 1-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 163

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 890996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	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
Lymph Node, Mesenteric	Mammary Gland	Nose	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
	[ Basophilic Focus TGLS = 5-6+6.1 ]		
	[ Fatty Change TGLS = 6-6+6.1 ]		
Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 7-2.1 ]		
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
Salivary Glands	Duct	Metaplasia	Squamous, Mild
Skin		Cyst Epithelial Inclusion	
	[ Cyst Epithelial Inclusion TGLS = 1-14 ]		
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
	[ Adenoma TGLS = 2-7,3-7 ]		
Thyroid Gland	C Cell	Carcinoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 163

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 890996

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Carcinoma TGLS = 4-2 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 164

TRT#: 4

SEX: Male

DAY ON TEST: 623

DOSE: 10.0 ML/KG

DISP: Natural Death

HISTO: 890997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Islets, Pancreatic
Lymph Node, Mandibular	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach, Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Nose
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AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lymph Node, Mesenteric
Stomach, Glandular			

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Liver		Leukemia Mononuclear	
		Basophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6+6.1+6.2,10-6+6.1+6.2 ]			
Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-2+3 ]			
Pancreas	Acinus	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: MANY TISSUES AUTOLYZED

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 4

SEX: Male

DAY ON TEST: 692

DOSE: 10.0 ML/KG

DISP: Moribund Sacrifice

HISTO: 890998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node, Mandibular	Mammary Gland	Salivary Glands	Urinary Bladder
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OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart		Carcinoma	Metastatic (Zymbal'S Gland)
		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 8-6 ]			
Lung	Mediastinum	Carcinoma	Metastatic (Zymbal'S Gland)
		Carcinoma	Metastatic (Zymbal'S Gland)
		Edema	Moderate
[ Carcinoma TGLS = 6-2+2.1+3+3.1 ]			
[ Carcinoma TGLS = 6-2+2.1+3+3.1 ]			
Lymph Node	Mediastinal	Pigmentation	Moderate
[ Pigmentation TGLS = 5-3 ]			
Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Hyperplasia	Mild
Pituitary Gland		Carcinoma	Metastatic (Zymbal'S Gland)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 165

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 692

**DOSE:** 10.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 890998

**ORGAN AND ACCOUNTABLE SITE STATUS**

Skeletal Muscle		Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 4-3 ]			
Stomach, Forestomach		Ulcer	Minimal
Stomach, Glandular		Mineralization	Mild
[ Mineralization TGLS = 7-5.1 ]			
Testes	Bilateral, Interstit Cell Tunic	Adenoma Mesothelioma Malignant	
[ Adenoma TGLS = 3-7 ]			
Zymbal's Gland		Carcinoma	
[ Carcinoma TGLS = 1-14+14.1 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 166

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 672

**DOSE:** 10.0 ML/KG

**DISP:** Natural Death

**HISTO:** 890999

**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	Kidney	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Pigmentation	Minimal
[ Pigmentation TGLS = 3-9.1 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-14 ]			
Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 4-5 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 167

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891000

**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	Kidney	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 3-9.2 ]			
Liver		Basophilic Focus	
[ Leukemia Mononuclear TGLS = 4-6+6.1 ]		Leukemia Mononuclear	
Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 5-8 ]			
Prostate		Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 168

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891001

**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	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[ Basophilic Focus TGLS = 3-6+6.1 ]			
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 5-9.2 ]			
Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal
[ Hyperplasia TGLS = 6-5.1 ]			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Adenoma TGLS = 1-7 ]			
[ Atrophy TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 169

TRT#: 4

DOSE: 10.0 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 891002

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
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Small, Jejunum	Muscularis	Leiomyosarcoma	
[ Leiomyosarcoma TGLS = 5-5.1 ]			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 8-6+6.1 ]		Fatty Change	Diffuse, Minimal
Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10 ]			
Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Tongue		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 9-14 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 170

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891003

**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	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach, Glandular
Trachea	Urinary Bladder		

**MISSING**

Thymus

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 5-6+6.1 ]			
Pancreas	Acinus	Hyperplasia	Minimal
Skin	Subcut Tiss	Fibroma	
		Hyperkeratosis	Moderate
[ Fibroma TGLS = 2-14 ]			
[ Hyperkeratosis TGLS = 1-15 ]			
Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Basal Cell, Minimal
[ Hyperplasia TGLS = 4-5.1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 171

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891004

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-6+6.1,6-6+6.1 ]			
Lymph Node	Pancreatic	Infiltration Cellular	Histiocyte, Minimal
[ Infiltration Cellular TGLS = 5-9.1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7,3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 172

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891005

**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	Lymph Node, Mandibular	Lymph Node, Mesenteric
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8-6+6.1 ]		
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
	[ Fibroadenoma TGLS = 2-14 ]		
Nose		Inflammation	Acute, Mild
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
	[ Adenoma TGLS = 7-9.1 ]		
Preputial Gland		Adenoma	
	[ Adenoma TGLS = 1-10 ]		
Spleen		Fibrosis	Mild
	[ Fibrosis TGLS = 6-3+3.1 ]		
	[ Leukemia Mononuclear TGLS = 5-3+3.1 ]		
Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 3-7,4-7 ]		
Thyroid Gland	C Cell	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 172

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891005

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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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 173

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891006

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, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Intestine Large, Colon		Cyst	
[ Cyst TGLS = 3-5.1 ]			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 6-6+6.1 ]			
Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 174	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 722
	<b>DOSE:</b> 10.0 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891007

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large, Colon	Intestine Small, Duodenum
Lung	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Thyroid Gland
Trachea			

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**MISSING**

Epididymis	Lymph Node, Mandibular	Mammary Gland	Preputial Gland
Prostate	Seminal Vesicle	Testes	Thymus
Urinary Bladder			

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**AUTO PRECLUDES DIAG.**

Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum
Spleen			

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**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 5-9.1 ]			
Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 6-4 ]			
Liver		Fatty Change	Diffuse, Moderate
[ Fatty Change TGLS = 1-6 ]			
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 4-5.1 ]			
Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 3-5.1 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 175

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	[ Basophilic Focus TGLS = 6-6+6.1 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]		
Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 7-9.1+9.2 ]		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	[ Adenoma TGLS = 5-8 ]		
Prostate		Adenoma	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 175

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891008

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Interstit Cell

Hyperplasia

Mild

Note: HYPERPLASIA AND ADENOMA IN DIFFERENT TESTES

[ Adenoma TGLS = 1-7 ]

[ Atrophy TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 176

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 2-6+6.1 ]			
Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Hyperplasia	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 177	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 680
	<b>DOSE:</b> 10.0 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891010

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Lymph Node, Mandibular	Lymph Node, Mesenteric	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

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**MISSING**

Intestine Large, Rectum	Mammary Gland	Parathyroid Gland
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**AUTO PRECLUDES DIAG.**

Intestine Large, Cecum	Thyroid Gland
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**OBSERVATIONS**

Heart	Cardiomyopathy	Mild
Islets, Pancreatic	Adenoma	
Liver	Basophilic Focus	
	Fatty Change	Diffuse, Mild
[ Fatty Change TGLS = 2-6+6.1+6.2 ]		
Nose	Fungus	Moderate
	Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	
[ Adenoma TGLS = 1-7 ]	Adenoma	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 178

TRT#: 4

SEX: Male

DAY ON TEST: 664

DOSE: 10.0 ML/KG

DISP: Moribund Sacrifice

HISTO: 891011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		[ Basophilic Focus TGLS = 7-6+6.1 ]	
		[ Leukemia Mononuclear TGLS = 4-6+6.1 ]	
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		[ Hematopoietic Cell Proliferation TGLS = 3-3 ]	
Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
		[ Hyperplasia TGLS = 6-5.1 ]	
Stomach, Glandular		Erosion	Mild
		[ Erosion TGLS = 5-5.1 ]	
Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 1-7,2-7 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 178

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 664

**DOSE:** 10.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891011

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 179

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891012

**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	Lymph Node, Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
[ Clear Cell Focus TGLS = 5-6.1 ]			
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mandibular		Angiectasis	Moderate
[ Angiectasis TGLS = 1-9 ]			
Pancreas	Acinus	Adenoma	Multiple
[ Adenoma TGLS = 4-9.1+9.2 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild
[ Hyperplasia TGLS = 6-8 ]			
[ Hyperplasia TGLS = 6-8 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 180

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 622

**DOSE:** 10.0 ML/KG

**DISP:** Natural Death

**HISTO:** 891013

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Brain
Epididymis	Esophagus	Islets, Pancreatic	Kidney
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	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	Stomach, Glandular	

**OBSERVATIONS**

Bone Marrow		Leukemia Granulocytic	
Heart		Cardiomyopathy	Moderate
Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 8-6 ]			
Lymph Node	Mediastinal	Angiectasis	Moderate
[ Angiectasis TGLS = 10-9.1 ]			
Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 2-14 ]			
Pancreas	Acinus	Adenoma	
Skin		Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 3-15 ]			
Spleen		Histiocytic Sarcoma	
		Leukemia Granulocytic	
[ Leukemia Granulocytic TGLS = 7-3.1+3.2,12-3.1+3.2 ]			
Stomach, Forestomach		Hyperkeratosis	Minimal
[ Hyperkeratosis TGLS = 11-5.1 ]			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 5-7 ]			
[ Atrophy TGLS = 4-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 180

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 622

**DOSE:** 10.0 ML/KG

**DISP:** Natural Death

**HISTO:** 891013

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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:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 181

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891014

**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	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Clear Cell Focus TGLS = 3-6+6.1 ]			
Pancreas	Acinus	Hyperplasia	Moderate
Preputial Gland		Abscess	Mild
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Skeletal Muscle		Atrophy	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 2-7 ]			
[ Atrophy TGLS = 1-7 ]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 182

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891015

**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	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Minimal
[ Fatty Change TGLS = 7-6+6.1 ]			
Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 4-8+9.2 ]			
Preputial Gland		Abscess	Mild
[ Abscess TGLS = 2-10 ]			
Prostate		Hyperplasia	Mild
[ Hyperplasia TGLS = 5-7.1 ]			
Salivary Glands	Duct	Metaplasia	Squamous, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,6-7 ]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

Note: HYPERPLASIA AND ADENOMA ON DIFFERENT LOBES

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 182

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891015

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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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 183

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Epididymis		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 8-7 ]			
Heart		Cardiomyopathy	Moderate
		Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 9-13 ]			
Kidney	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Hepatodiaphragmatic Nodule	
[ Basophilic Focus TGLS = 11-6+6.1+6.2 ]			
[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]			
Lung	Mediastinum	Mesothelioma Malignant	Metastatic (Testes)
	Pleura	Mesothelioma Malignant	Metastatic (Testes)
[ Mesothelioma Malignant TGLS = 10-3.1 ]			
[ Mesothelioma Malignant TGLS = 10-3.1 ]			
Lymph Node	Mediastinal	Pigmentation	Moderate
[ Pigmentation TGLS = 6-3.1 ]			
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 183

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891016

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 3-9.1 ]		Mesothelioma Malignant	Metastatic (Testes)
Prostate		Adenoma	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
	Tunic	Mesothelioma Malignant	
[ Adenoma TGLS = 2-7 ]			
[ Atrophy TGLS = 1-7 ]			
[ Mesothelioma Malignant TGLS = 12-7+15 ]			
Thyroid Gland	Bilateral, C Cell	Adenoma	
Tongue		Hyperplasia	Squamous, Mild
[ Hyperplasia TGLS = 13-14 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 184

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 575

**DOSE:** 10.0 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891017

**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	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach, Glandular	Testes
Thymus	Tongue	Trachea	Urinary Bladder

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	[ Adenoma TGLS = 4-8.1 ]		
Spleen		Pigmentation	Mild
Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
	[ Hyperplasia TGLS = 5-5.1 ]		
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 185

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891018

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	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 5-6+6.1 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-15,4-14 ]			
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[ Adenoma TGLS = 7-8 ]			
Prostate		Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 186

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 5-8 ]			
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 7-6+6.1 ]			
Nose		Fungus	Moderate
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Preputial Gland		Abscess	Mild
[ Abscess TGLS = 2-10 ]			
Salivary Glands	Duct	Metaplasia	Squamous, Mild
Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 6-5.1 ]			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 186

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891019

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Interstitial Cell

Hyperplasia

Mild

Note: HYPERPLASIA AND ADENOMA NOT IN SAME TESTIS

[ Adenoma TGLS = 3-7 ]

[ Atrophy TGLS = 4-7 ]

Thyroid Gland

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 187

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891020

**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	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Skeletal Muscle	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 4-6+6.1 ]	
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1+9.2 ]	
Lymph Node, Mandibular		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1+9.2 ]	
Lymph Node, Mesenteric		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-9.1+9.2 ]	
Mammary Gland		Galactocele	
		[ Galactocele TGLS = 5-10 ]	
Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 187

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891020

**ORGAN AND ACCOUNTABLE SITE STATUS**

Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Seminal Vesicle		Leukemia Mononuclear	
Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-14 ]			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 188

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Pituitary Gland	Preputial Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 3-6+6.1 ]			
Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
Salivary Glands	Duct	Metaplasia	Squamous, Mild
Spleen			
Note: SPLEEN APPEARS NORMAL.			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 188

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891021

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 189

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891022

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	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Hepatodiaphragmatic Nodule	
		[ Basophilic Focus TGLS = 6-6+1+6.2 ]	
		[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]	
Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
		[ Necrosis TGLS = 3-14+14.1 ]	
Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 2-7 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 190

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891023

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Prostate	Seminal Vesicle
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**OBSERVATIONS**

Adrenal Medulla		Cyst	
[ Cyst TGLS = 4-8 ]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 6-6+6.1 ]			
Nose		Fungus	Minimal
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Moderate
[ Adenoma TGLS = 2-9.1 ]			
Preputial Gland		Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 190

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891023

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland

C Cell

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 191

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 4-13 ]			
Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 3-4 ]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
[ Basophilic Focus TGLS = 6-6+6.1 ]			
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
Stomach, Forestomach		Hyperkeratosis	Moderate
		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 5-5.1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 192

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891025

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	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Fatty Change TGLS = 5-6+6.1,8-6+6.1 ]			
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 4-9.1+9.2 ]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[ Adenoma TGLS = 7-8 ]			
Preputial Gland		Abscess	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 193

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891026

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	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
		Thrombosis	Marked
	[ Thrombosis TGLS = 6-13 ]		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
	[ Basophilic Focus TGLS = 7-6+6.1 ]		
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 5-8 ]		
Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7,2-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 194

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891027

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	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
		Hepatodiaphragmatic Nodule	
	[ Basophilic Focus TGLS = 5-6+6.1 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 6-6.2 ]		
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Minimal
	[ Adenoma TGLS = 4-9.2,7-9.2 ]		
Skin		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLS = 1-14 ]		
Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2-7,3-7 ]		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 195

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Mesentery	Fat	Mineralization	Mild
	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-14 ]			
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 6-9.2 ]			
Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-15 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 195

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891028

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 196

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891029

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Basophilic Focus TGLS = 4-6+6.1 ]			
Nose		Fungus	Moderate
		Inflammation	Acute, Mild
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 2-9.2 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Abscess	Moderate
Spleen		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Moderate
		Metaplasia	Moderate
[ Infiltration Cellular TGLS = 3-3.1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 196

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891029

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Adenoma TGLS = 1-7 ]

Thyroid Gland

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 197

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 7-6+6.1 ]			
[ Fatty Change TGLS = 8-6+6.1 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-14 ]			
Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Marked
Note: NODULE WITHIN NODULE			
[ Hyperplasia TGLS = 6-9.2 ]			
Prostate		Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-15 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	C Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 197

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891030

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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C Cell

Hyperplasia

Mild

Follicular Cel

Hyperplasia

Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 198

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 10.0 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891031

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
	[ Basophilic Focus TGLS = 3-6.1 ]		
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		
Thymus	Epithel Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 199

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891032

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	Parathyroid Gland	Preputial Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
[ Fatty Change TGLS = 2-6+6.1 ]			
Nose		Fungus	Mild
		Inflammation	Acute, Minimal
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Hyperplasia	Mild
[ Adenoma TGLS = 4-9.1+9.2 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,3-7 ]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 10.0 ML/KG

DISP: Terminal Sacrifice

HISTO: 891033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Marked
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
[ Fatty Change TGLS = 4-6+6.1 ]			
Nose		Fungus	Moderate
		Inflammation	Acute, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Metaplasia	Squamous, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
Thyroid Gland	Follicular Cel	Carcinoma	
[ Carcinoma TGLS = 3-2.1 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 201

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |   |                           |                            |          |
|---|---------------------------|----------------------------|----------|
| * Adrenal Cortex                            |                           | Leukemia Mononuclear       |          |
| * Adrenal Medulla                           |                           | Leukemia Mononuclear       |          |
| Eye   |                           | Synechia                   | Moderate |
| [ Synechia TGLS = 1-14 ]                    |                           |                            |          |
| * Heart                                     |                           | Cardiomyopathy             | Mild     |
| * Kidney                                    |                           | Nephropathy                | Mild     |
| * Liver                                     |                           | Basophilic Focus           |          |
|   |                           | Hepatodiaphragmatic Nodule |          |
|   |                           | Leukemia Mononuclear       |          |
| [ Basophilic Focus TGLS = 11-6+6.1 ]        |                           |                            |          |
| [ Hepatodiaphragmatic Nodule TGLS = 6-6.1 ] |                           |                            |          |
| [ Leukemia Mononuclear TGLS = 8-6+6.1+6.2 ] |                           |                            |          |
| * Lung                                      |                           | Leukemia Mononuclear       |          |
| * Pancreas                                  | Acinus                    | Atrophy                    | Mild     |
|   | Acinus                    | Hyperplasia                | Moderate |
| [ Hyperplasia TGLS = 10-9.2 ]               |                           |                            |          |
| * Spleen                                    |                           | Leukemia Mononuclear       |          |
| * Testes                                    | Bilateral, Interstit Cell | Adenoma                    |          |
| [ Adenoma TGLS = 3-7 ]                      |                           |                            |          |
| * Thyroid Gland                             | C Cell                    | Hyperplasia                | Mild     |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 202

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 891035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Epididymis		Spermatocele	
[ Spermatocele TGLS = 2-15 ]			
* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 4-13 ]			
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 3-4 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 6-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 203

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891036

**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	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

Ear		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 1-14 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Basophilic Focus TGLS = 11-6.1+6.2 ]		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-9.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-9.1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-9.1 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Minimal
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Skin	Subcut Tiss	Fibroma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 203

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891036

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibroma TGLS = 4-15 ]	
* Spleen	Leukemia Mononuclear
[ Leukemia Mononuclear TGLS = 8-3+9.2 ]	
* Testes	Bilateral, Interstit Cell
[ Adenoma TGLS = 5-7,6-7 ]	Adenoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 204

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 10 ML/KG

DISP: Natural Death

HISTO: 891037

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-14 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-8 ]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 205

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 600  
**HISTO:** 891038

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
	Cortex	Necrosis	Mild
		Nephropathy	Mild
	[ Necrosis TGLS = 4-4 ]		
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-6 ]		
* Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	[ Angiectasis TGLS = 3-8 ]		
Skeletal Muscle		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 205	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 600
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891038

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 1-3.1 ]		Leukemia Mononuclear	
* Stomach, Glandular [ Hyperplasia TGLS = 5-5.1 ]		Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 206

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891039

**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, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum	Lymphoid Tiss	Leukemia Mononuclear	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 6-4 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 5-6+6.1 ]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Abscess	Minimal
[ Abscess TGLS = 1-10 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 207

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 591

HISTO: 891040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                          |                           |                             |
|----------------------------|--------------------------|---------------------------|-----------------------------|
| * Bone                     | * Brain                  | * Epididymis              | * Esophagus                 |
| * Intestine Large, Cecum   | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Jejunum | * Mammary Gland          | * Nose                    | * Parathyroid Gland         |
| * Salivary Glands          | * Seminal Vesicle        | * Skin                    | * Stomach, Forestomach      |
| * Thyroid Gland            | * Trachea                | * Urinary Bladder         |                             |

MISSING

- \* Thymus

OBSERVATIONS

- |                          |   |                       |                  |
|--------------------------|---|-----------------------|------------------|
| * Adrenal Cortex         |   | Leukemia Mononuclear  |                  |
| * Adrenal Medulla        |   | Hyperplasia           | Mild             |
| * Bone Marrow            |   | Leukemia Mononuclear  |                  |
| * Heart                  |   | Leukemia Mononuclear  |                  |
|                          |   | Cardiomyopathy        | Mild             |
| * Intestine Small, Ileum | Lymphoid Tiss                             | Leukemia Mononuclear  |                  |
| * Islets, Pancreatic     |   | Adenoma               |                  |
|                          | [ Adenoma TGLS = 14-9.2 ]                 |                       |                  |
| * Kidney                 |   | Leukemia Mononuclear  |                  |
|                          |   | Nephropathy           | Minimal          |
|                          | [ Leukemia Mononuclear TGLS = 10-4+4.1 ]  |                       |                  |
| * Liver                  |   | Leukemia Mononuclear  |                  |
|                          | [ Leukemia Mononuclear TGLS = 5-6+6.1 ]   |                       |                  |
| * Lung                   |   | Infiltration Cellular | Histiocyte, Mild |
|                          |   | Leukemia Mononuclear  |                  |
|                          |   | Metaplasia            | Osseous, Mild    |
|                          | [ Infiltration Cellular TGLS = 6-2+3 ]    |                       |                  |
| Lymph Node               | Axillary                                  | Leukemia Mononuclear  |                  |
|                          | Mediastinal                               | Leukemia Mononuclear  |                  |
|                          | Pancreatic                                | Leukemia Mononuclear  |                  |
|                          | [ Leukemia Mononuclear TGLS = 4-9.1,8-3 ] |                       |                  |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 207	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 591
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891040

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 4-9.1,8-3 ]			
[ Leukemia Mononuclear TGLS = 4-9.1,8-3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-9.1,8-3 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-9.1,8-3 ]			
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic Active, Mild
Skeletal Muscle		Leukemia Mononuclear	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 3-3.1 ]			
[ Leukemia Mononuclear TGLS = 2-3.1,9-3.1 ]			
* Stomach, Glandular		Hyperplasia	Minimal
[ Hyperplasia TGLS = 11-5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 208

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 670  
**HISTO:** 891041

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6+6.1,10-6+6.1, 6-6+6.1,7-6+6.1, ]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1,5-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Zymbal's Gland		Adenoma	
[ Adenoma TGLS = 8-14 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 208

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 670  
**HISTO:** 891041

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 209

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                            |                          |
|---------------------------|-----------------------------|----------------------------|--------------------------|
| * Adrenal Cortex          | * Bone                      | * Bone Marrow              | * Brain                  |
| * Epididymis              | * Esophagus                 | * Intestine Large, Cecum   | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic     |
| * Lung                    | * Mammary Gland             | * Nose                     | * Pancreas               |
| * Parathyroid Gland       | * Pituitary Gland           | * Preputial Gland          | * Prostate               |
| * Salivary Glands         | * Seminal Vesicle           | Skeletal Muscle            | * Skin                   |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Thyroid Gland            | * Trachea                |
| * Urinary Bladder         |                             |                            |                          |

OBSERVATIONS

- |  |                           |                         |                      |
|--|---------------------------|-------------------------|----------------------|
| * Adrenal Medulla                      |                           | Pheochromocytoma Benign |                      |
| [ Pheochromocytoma Benign TGLS = 7-8 ] |                           |                         |                      |
| * Heart                                | Artery                    | Cardiomyopathy          | Mild                 |
|  |                           | Inflammation            | Chronic Active, Mild |
|  |                           | Erosion                 | Mild                 |
| * Intestine Small, Ileum               |                           |                         |                      |
| [ Erosion TGLS = 3-5.1 ]               |                           |                         |                      |
| * Kidney                               |                           | Nephropathy             | Mild                 |
| * Liver                                |                           | Basophilic Focus        |                      |
|  |                           | Clear Cell Focus        |                      |
|  |                           | Leukemia Mononuclear    |                      |
| [ Basophilic Focus TGLS = 8-6+6.1 ]    |                           |                         |                      |
| * Lymph Node, Mandibular               |                           | Leukemia Mononuclear    |                      |
| [ Leukemia Mononuclear TGLS = 6-8.1 ]  |                           |                         |                      |
| * Lymph Node, Mesenteric               |                           | Leukemia Mononuclear    |                      |
| [ Leukemia Mononuclear TGLS = 6-8.1 ]  |                           |                         |                      |
| * Spleen                               |                           | Leukemia Mononuclear    |                      |
| [ Leukemia Mononuclear TGLS = 5-3 ]    |                           |                         |                      |
| * Testes                               | Bilateral, Interstit Cell | Adenoma                 |                      |
| [ Adenoma TGLS = 1-7,2-7 ]             |                           |                         |                      |
| * Thymus                               | Epithel Cell              | Hyperplasia             | Mild                 |

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 210

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891043

**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	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 5-6 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Skeletal Muscle		Atrophy	Mild
* Skin		Erosion	Marked
		Squamous Cell Carcinoma	
[ Erosion TGLS = 1-14 ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 211

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 707

HISTO: 891044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-2+3 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3,13-9.1+9.2 ]			
[ Leukemia Mononuclear TGLS = 8-3,13-9.1+9.2 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3,13-9.1+9.2 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3,13-9.1+9.2 ]			
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 3-14 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
* Spleen		Fibrosis	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 211	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 707
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 891044

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibrosis TGLS = 5-3.1 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
* Stomach, Forestomach		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 11-5+5.1 ]			
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 10-5+5.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 212

TRT#: 5

SEX: Male

DAY ON TEST: 598

DOSE: 10 ML/KG

DISP: Moribund Sacrifice

HISTO: 891045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-6 ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-2+3 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-8,5-3 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-8,5-3 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-8,5-3 ]		
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-3.1 ]		
* Testes	Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 212

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 598  
**HISTO:** 891045

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1-7 ]

\* Thymus

Leukemia Mononuclear

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 213

TRT#: 5

SEX: Male

DAY ON TEST: 483

DOSE: 10 ML/KG

DISP: Moribund Sacrifice

HISTO: 891046

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-2+3 ]			
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Infarct	Moderate
		Leukemia Mononuclear	
[ Infarct TGLS = 6-3.1 ]			
[ Leukemia Mononuclear TGLS = 2-3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 214

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
[ Cardiomyopathy TGLS = 7-13 ]			
* Kidney		Nephropathy	Mild
[ Nephropathy TGLS = 6-4 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 9-6+6.1 ]			
Lymph Node	Mediastinal	Angiectasis	Mild
[ Angiectasis TGLS = 8-3.1 ]			
* Nose		Fungus	Moderate
		Inflammation	Acute, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Preputial GI			
Note: DISTENDED DUCT			
* Prostate		Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 214

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891047

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: NORMAL LYMPHOID TISSUE

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 215

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891048

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
* Liver		Nephropathy	Mild
		Basophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-6+6.1 ]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[ Infiltration Cellular TGLS = 3-2+3 ]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Prostate		Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,5-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 215

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891048

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 216

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891049

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Focal, Minimal
[ Fatty Change TGLS = 6-6+6.1 ]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 5-8 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 217

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 719

HISTO: 891050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                          |              |                        |
|--------------------------|--------------------------|--------------|------------------------|
| * Bone                   | * Bone Marrow            | * Epididymis | * Esophagus            |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas   | * Parathyroid Gland    |
| * Pituitary Gland        | * Preputial Gland        | * Prostate   | * Salivary Glands      |
| * Seminal Vesicle        | Skeletal Muscle          | * Skin       | * Stomach, Forestomach |
| * Trachea                |                          |              |                        |

MISSING

- \* Mammary Gland

AUTO PRECLUDES DIAG.

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Brain                     | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Kidney                    | * Thyroid Gland          | * Urinary Bladder          |                           |

OBSERVATIONS

- |   |                           |                      |                 |
|---|---------------------------|----------------------|-----------------|
| * Adrenal Cortex                          |                           | Leukemia Mononuclear |                 |
| * Adrenal Medulla                         |                           | Leukemia Mononuclear |                 |
| * Heart                                   |                           | Cardiomyopathy       | Mild            |
| * Liver                                   |                           | Leukemia Mononuclear |                 |
| [ Leukemia Mononuclear TGLS = 4-6 ]       |                           |                      |                 |
| * Lung                                    |                           | Leukemia Mononuclear |                 |
| * Nose                                    |                           | Fungus               | Moderate        |
|   |                           | Inflammation         | Acute, Moderate |
|   | Respirat Epith            | Metaplasia           | Squamous, Mild  |
| * Spleen                                  |                           | Fibrosis             | Moderate        |
|   |                           | Leukemia Mononuclear |                 |
| [ Fibrosis TGLS = 5-3.1+3.2 ]             |                           |                      |                 |
| [ Leukemia Mononuclear TGLS = 3-3.1+3.2 ] |                           |                      |                 |
| * Stomach, Glandular                      |                           | Erosion              | Mild            |
| [ Erosion TGLS = 6-5.1 ]                  |                           |                      |                 |
| * Testes                                  | Bilateral, Interstit Cell | Adenoma              |                 |
| [ Adenoma TGLS = 2-7 ]                    |                           |                      |                 |
| * Thymus                                  |                           | Leukemia Mononuclear |                 |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:42

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

**Lab:** TSI MASON

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**ANIMAL ID:** 217

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 719

**DOSE:** 10 ML/KG

**DISP:** Natural Death

**HISTO:** 891050

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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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 218

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 891051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |   |               |   |      |
|---|---------------|---|------|
| * Adrenal Medulla                           |               | Pheochromocytoma Benign<br>Pheochromocytoma Malignant |      |
| [ Pheochromocytoma Benign TGLS = 5-8 ]      |               |   |      |
| Blood                                       |               | Leukemia Mononuclear                                  |      |
| * Heart                                     |               | Cardiomyopathy  | Mild |
|   |               | Leukemia Mononuclear                                  |      |
| [ Leukemia Mononuclear TGLS = 7-13 ]        |               |   |      |
| * Kidney                                    |               | Nephropathy   | Mild |
| * Liver                                     |               | Basophilic Focus                                      |      |
|   |               | Eosinophilic Focus                                    |      |
| [ Eosinophilic Focus TGLS = 9-6+6.1+6.2 ]   |               | Leukemia Mononuclear                                  |      |
| [ Leukemia Mononuclear TGLS = 6-6+6.1+6.2 ] |               |   |      |
| * Pancreas                                  | Acinus        | Atrophy   | Mild |
| * Pituitary Gland                           | Pars Distalis | Adenoma   |      |
|   | Rathkes Cleft | Cyst  |      |
| [ Adenoma TGLS = 8-8 ]                      |               |   |      |
| * Preputial Gland                           |               | Adenoma   |      |
| [ Adenoma TGLS = 1-10 ]                     |               |   |      |
| * Spleen                                    |               | Leukemia Mononuclear                                  |      |
| [ Leukemia Mononuclear TGLS = 4-3 ]         |               |   |      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

---

<b>ANIMAL ID:</b> 218	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891051

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Adenoma TGLS = 3-7 ]			
[ Atrophy TGLS = 2-7 ]			

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 219

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |  |                           |                         |             |
|--|---------------------------|-------------------------|-------------|
| * Adrenal Medulla                      |                           | Pheochromocytoma Benign |             |
| [ Pheochromocytoma Benign TGLS = 4-8 ] |                           |                         |             |
| Eye                                    | Retina                    | Atrophy                 | Moderate    |
|  | Lens                      | Cataract                | Moderate    |
| [ Cataract TGLS = 1-14 ]               |                           |                         |             |
| * Heart                                |                           | Cardiomyopathy          | Moderate    |
| * Kidney                               |                           | Nephropathy             | Mild        |
| * Liver                                |                           | Basophilic Focus        |             |
| [ Basophilic Focus TGLS = 7-6+6.1 ]    |                           |                         |             |
| * Nose                                 |                           | Inflammation            | Acute, Mild |
| * Pancreas                             | Acinus                    | Atrophy                 | Mild        |
|  |                           | Mixed Tumor Benign      |             |
| * Parathyroid Gland                    |                           | Hyperplasia             | Mild        |
| * Testes                               | Bilateral, Interstit Cell | Adenoma                 |             |
| [ Adenoma TGLS = 2-7,3-7 ]             |                           |                         |             |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:42

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 220

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
[ Pheochromocytoma Benign TGLS = 8-8 ]			
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Angiectasis Leukemia Mononuclear	Mild
[ Leukemia Mononuclear TGLS = 11-6+6.1+6.2 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-9.1,12-8 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-9.1,12-8 ]			
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 10-8 ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Fibrosis TGLS = 6-3.1 ]			
[ Leukemia Mononuclear TGLS = 5-3+3.1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:42  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 220

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891053

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Testes  
[ Adenoma TGLS = 2-7,3-7 ]

Bilateral, Interstit Cell

Adenoma

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 221

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis [ Mesothelioma Malignant TGLS = 3-7 ]		Mesothelioma Malignant	Metastatic (Testes)
* Kidney		Nephropathy	Minimal
* Liver Mesentery [ Mesothelioma Malignant TGLS = 2-14 ]		Basophilic Focus Mesothelioma Malignant	Metastatic (Testes)
* Pancreas	Acinus	Atrophy Mesothelioma Malignant	Moderate Metastatic (Testes)
* Testes [ Adenoma TGLS = 1-7 ]	Bilateral, Interstit Cell Tunic	Adenoma Mesothelioma Malignant	
* Thymus	Epithel Cell	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 222

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891055

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	Mesentery	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Adrenal Medulla

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Intestine Small, Ileum		Pigmentation	Moderate
[ Pigmentation TGLS = 5-15 ]			
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Moderate
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 14-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-9,9-8,10-9.1,13-17,15-3 ]			
[ Leukemia Mononuclear TGLS = 3-9,9-8,10-9.1,13-17,15-3 ]			
[ Leukemia Mononuclear TGLS = 3-9,9-8,10-9.1,13-17,15-3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-9,9-8,10-9.1,13-17,15-3 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 222	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891055

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 3-9,9-8,10-9.1,13-17,15-3 ]		Leukemia Mononuclear	
* Mammary Gland [ Fibroadenoma TGLS = 1-14 ]		Fibroadenoma	
* Pancreas Acinus		Atrophy	Mild
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
* Spleen [ Fibrosis TGLS = 12-3.2 ] [ Leukemia Mononuclear TGLS = 11-3+3.1+3.2 ]		Fibrosis Leukemia Mononuclear	Mild
* Testes [ Adenoma TGLS = 4-7,7-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus Epithel Cell		Hyperplasia Leukemia Mononuclear	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 224

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891057

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	[ Leukemia Mononuclear TGLS = 8-4 ]		
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-6+6.1+6.2,9-6+6.1+6.2,, 10-6+6.1+6.2 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11-9,4-8,6-3 ]		
	[ Leukemia Mononuclear TGLS = 11-9,4-8,6-3 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11-9,4-8,6-3 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11-9,4-8,6-3 ]		
* Nose		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Preputial Gland		Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 224

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891057

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1-10 ]	
* Salivary Glands	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[ Leukemia Mononuclear TGLS = 3-3.1+3.2,7-3.1+3.2 ]	
* Testes	Bilateral, Interstit Cell Adenoma
[ Adenoma TGLS = 2-7 ]	
* Thymus	Leukemia Mononuclear
* Urinary Bladder	Leukemia Mononuclear

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 225

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 726

**DOSE:** 10 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891058

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4+5+6-6+6.1+6.2+6.3 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-14 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3.1 ]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Atrophy TGLS = 3-7 ]			
* Thymus		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 226

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 701

HISTO: 891059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Preputial Gland	* Prostate	* Seminal Vesicle	Skeletal Muscle
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-1 ]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-6,11-6.1.1 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-1+2 ]			
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3,13-9.1 ]			
[ Leukemia Mononuclear TGLS = 9-3,13-9.1 ]			
[ Leukemia Mononuclear TGLS = 9-3,13-9.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3,13-9.1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 226	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 701
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891059

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 9-3,13-9.1 ]			
* Nose		Fungus Inflammation	Moderate Acute, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Leukemia Mononuclear	
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Skin	Subcut Tiss	Fibroma Leukemia Mononuclear	
[ Fibroma TGLS = 1-14 ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Leukemia Mononuclear TGLS = 4-3.1 ]			
* Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal
[ Hyperplasia TGLS = 5-5.1 ]			
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 6-5.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 227

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891060

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
	[ Angiectasis TGLS = 7-8 ]		
* Preputial Gland		Adenoma	
	[ Adenoma TGLS = 2-10 ]		
* Prostate		Hyperplasia	Mild
* Skin	Sebaceous GI	Adenoma	
	[ Adenoma TGLS = 1-14 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 5-3 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 3-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 228

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891061

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* 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	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Esophagus

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Mineralization	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
Note: SPONGIOSIS HEPATIS [ Leukemia Mononuclear TGLS = 3-6+6.1 ] [ Mixed Cell Focus TGLS = 5-6.1 ]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 229

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 671  
**HISTO:** 891062

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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
* Preputial Gland	* Prostate	Skeletal Muscle	* Skin
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum	Lymphoid Tiss	Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 9-6+6.1,13-6+6.1 ]		
* Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 12-2+3 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1+9.2,8-8.1,11-3.2 ]		
	[ Leukemia Mononuclear TGLS = 4-9.1+9.2,8-8.1,11-3.2 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1+9.2,8-8.1,11-3.2 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1+9.2,8-8.1,11-3.2 ]		
* Nose		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 229	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 671
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891062

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas [ Leukemia Mononuclear TGLS = 5-9.1+9.2 ]		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 6-3,7-3.1 ]		Leukemia Mononuclear	
* Stomach, Forestomach [ Leukemia Mononuclear TGLS = 14-5+5.1 ]		Leukemia Mononuclear	
* Stomach, Glandular [ Leukemia Mononuclear TGLS = 14-5+5.1 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 3-7 ] [ Atrophy TGLS = 2-7 ]	Interstit Cell Seminif Tub	Adenoma Atrophy	Moderate
* Thymus [ Leukemia Mononuclear TGLS = 10-3.2 ]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 230

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 891063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Stomach, Forestomach

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Focal, Minimal
[ Basophilic Focus TGLS = 7-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 4-9.2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial GI			
Note: DISTENDED DUCT			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Hyperplasia	Mild
[ Hyperplasia TGLS = 6-5.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01

**Test Type:** CHRONIC

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil

**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 06:41:43

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

**Lab:** TSI MASON

---

**ANIMAL ID:** 230

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891063

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2-2 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 231

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891064

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Esophagus	* Mammary Gland
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**OBSERVATIONS**

Blood		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Leukemia Mononuclear TGLS = 7-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-9.1+9.2 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-9.1+9.2 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-9.1+9.2 ]			
* Nose		Fungus	Mild
		Inflammation	Acute, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 231

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891064

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Preputial Gland [ Abscess TGLS = 6-10 ]		Abscess	Mild
* Spleen [ Leukemia Mononuclear TGLS = 3-3 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 1-7,2-7 ]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 232

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891065

**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	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 4-6 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 233

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891066

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
Ear		Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-15 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-6+6.1 ]			
* Lung		Fibrosarcoma	Metastatic (Ear)
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-9.1 ]			
[ Leukemia Mononuclear TGLS = 8-9.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-9.1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-9.1 ]			
Mesentery		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 233

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891066

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 5-14 ]

* Pancreas	Acinus	Atrophy	Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

[ Fibrosis TGLS = 7-3.1 ]

[ Leukemia Mononuclear TGLS = 6-3.1 ]

* Testes	Bilateral, Interstit Cell	Adenoma	
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[ Adenoma TGLS = 2-7,3-7 ]

* Thyroid Gland	C Cell	Adenoma	
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 234

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                     |                           |                         |         |
|-------------------------------------|---------------------------|-------------------------|---------|
| * Adrenal Medulla                   |                           | Pheochromocytoma Benign |         |
| * Heart                             |                           | Cardiomyopathy          | Mild    |
| * Kidney                            |                           | Nephropathy             | Minimal |
| * Liver                             |                           | Basophilic Focus        |         |
|                                     |                           | Clear Cell Focus        |         |
| [ Basophilic Focus TGLS = 3-6+6.1 ] |                           |                         |         |
| * Pancreas                          | Acinus                    | Atrophy                 | Mild    |
| * Preputial Gland                   |                           | Abscess                 | Mild    |
| * Testes                            | Bilateral, Interstit Cell | Adenoma                 |         |
| [ Adenoma TGLS = 1-7 ]              |                           |                         |         |
| * Thyroid Gland                     | C Cell                    | Hyperplasia             | Minimal |

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHOID TISSUE

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 235

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891068

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 3-6+6.1 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas	Acinus	Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 236

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 891069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
[ Hypertrophy TGLS = 2-8 ]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 4-4+4.1 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Focal, Mild
[ Fatty Change TGLS = 6-6.1+6.2 ]		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 7-6.2 ]			
* Nose		Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
Skeletal Muscle		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 237

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 730  
**HISTO:** 891070

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 4-6.1 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7,5-7 ]			
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 238

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 3-6 ]			
[ Clear Cell Focus TGLS = 4-6 ]			
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Mild
* Preputial GI			
Note: DISTENDED DUCT			
* Salivary Glands	Duct	Metaplasia	Squamous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,5-7,6-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 239

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 891072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye	Lens	Cataract	Mild
[ Cataract TGLS = 5-14 ]			
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 8-6+6.2,12-6+6.2 ]			
* Lung		Inflammation	Granulomatous, Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 2-15+15.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[ Angiectasis TGLS = 4-8 ]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
[ Fibrosis TGLS = 7-3 ]			
* Stomach, Forestomach		Hyperplasia	Basal Cell, Mild
[ Hyperplasia TGLS = 6-5 ]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Adenoma TGLS = 1-7,9-7 ]			
[ Atrophy TGLS = 10-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 239

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891072

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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: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 240

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 891073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6+6.1 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Salivary Glands	Duct	Metaplasia	Squamous, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,5-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 241

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Basophilic Focus TGLS = 4-6.1 ]			
[ Hepatodiaphragmatic Nodule TGLS = 5-6.2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 242

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 10 ML/KG

DISP: Moribund Sacrifice

HISTO: 891075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-7 ]			
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum	Lymphoid Tiss	Leukemia Mononuclear	
* Intestine Small, Ileum	Lymphoid Tiss	Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6+6.1, 10-6+6.1, 11-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8,7-14,8-3 ]			
[ Leukemia Mononuclear TGLS = 4-8,7-14,8-3 ]			
[ Leukemia Mononuclear TGLS = 4-8,7-14,8-3 ]			
[ Leukemia Mononuclear TGLS = 4-8,7-14,8-3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 242	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 661
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891075

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 4-8,7-14,8-3 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8,7-14,8-3 ]			
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3.1 ]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 243

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 628

**DOSE:** 10 ML/KG

**DISP:** Moribund Sacrifice

**HISTO:** 891076

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-6+6.1,6-6+6.1 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1,5-9.2 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1,5-9.2 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-9.1,5-9.2 ]		
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 1-3.1 ]		
* Testes	Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 243

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 628  
**HISTO:** 891076

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Interstit Cell

Hyperplasia

Mild

Note: HYPERPLASIA AND ADENOMA NOT IN SAME TESTIS  
[ Adenoma TGLS = 3-7 ]

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 244

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 10 ML/KG

**DISP:** Terminal Sacrifice

**HISTO:** 891077

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Small, Ileum	Lymphoid Tiss	Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-9.1 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 5-14 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 244

**TRT#:** 5  
**DOSE:** 10 ML/KG

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

**DAY ON TEST:** 729  
**HISTO:** 891077

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Preputial GI

Note: EXCESS DESQUAMATED MATERIAL

\* Prostate

Hyperplasia

Minimal

\* Spleen

Infarct

Moderate

Leukemia Mononuclear

[ Infarct TGLS = 7-3.1 ]

[ Leukemia Mononuclear TGLS = 4-3.1+3.2 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

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

\* Thymus

Leukemia Mononuclear

\* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 245

TRT#: 5

SEX: Male

DAY ON TEST: 360

DOSE: 10 ML/KG

DISP: Moribund Sacrifice

HISTO: 891078

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      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | Skeletal Muscle             | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

OBSERVATIONS

- |                               |                |                |                    |
|-------------------------------|----------------|----------------|--------------------|
| * Heart                       |                | Cardiomyopathy | Mild               |
| * Kidney                      |                | Nephropathy    | Minimal            |
| * Nose                        |                | Fungus         | Moderate           |
|                               |                | Inflammation   | Acute, Mild        |
|                               | Respirat Epith | Metaplasia     | Squamous, Moderate |
| * Testes                      | Seminif Tub    | Mineralization | Mild               |
| [ Mineralization TGLS = 1-7 ] |                |                |                    |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 246

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 685

HISTO: 891079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Bone                     | * Epididymis              | * Esophagus                 | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Mammary Gland           | * Nose                      | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Stomach, Glandular        | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

OBSERVATIONS

- |   |             |                                |      |
|---|-------------|--------------------------------|------|
| * Adrenal Cortex  |             | Leukemia Mononuclear           |      |
| * Adrenal Medulla   |             | Leukemia Mononuclear           |      |
| Blood   |             | Leukemia Mononuclear           |      |
| * Bone Marrow   |             | Leukemia Mononuclear           |      |
| * Brain   |             | Leukemia Mononuclear           |      |
| [ Leukemia Mononuclear TGLS = 9-2,10-2 ]                              |             |                                |      |
| * Heart   |             | Cardiomyopathy                 | Mild |
|   |             | Leukemia Mononuclear           |      |
| * Islets, Pancreatic  |             | Adenoma                        |      |
| * Kidney  |             | Leukemia Mononuclear           |      |
|   |             | Nephropathy                    | Mild |
| [ Leukemia Mononuclear TGLS = 12-4 ]                                  |             |                                |      |
| * Liver   |             | Leukemia Mononuclear           |      |
| [ Leukemia Mononuclear TGLS = 8-6+6.1+6.2,13-6+6.1+6.2, 5-6+6.1+6.2 ] |             |                                |      |
| * Lung  |             | Alveolar/Bronchiolar Carcinoma |      |
|   |             | Leukemia Mononuclear           |      |
| [ Alveolar/Bronchiolar Carcinoma TGLS = 11-14 ]                       |             |                                |      |
| Lymph Node  | Bronchial   | Leukemia Mononuclear           |      |
|   | Mediastinal | Leukemia Mononuclear           |      |
| [ Leukemia Mononuclear TGLS = 11-14 ]                                 |             |                                |      |
| [ Leukemia Mononuclear TGLS = 11-14 ]                                 |             |                                |      |
| * Lymph Node, Mandibular  |             | Leukemia Mononuclear           |      |
| [ Leukemia Mononuclear TGLS = 11-14 ]                                 |             |                                |      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 246	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 685
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891079

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 11-14 ]		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy Leukemia Mononuclear	Mild
Skeletal Muscle		Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 3-3.1 ]		Leukemia Mononuclear	
* Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus Zymbal's Gland [ Carcinoma TGLS = 7-15 ]		Leukemia Mononuclear Carcinoma	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 247

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 10 ML/KG

DISP: Terminal Sacrifice

HISTO: 891080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Moderate
[ Adenoma TGLS = 5-9.2 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Corn oil  
CAS Number: 8001-30-7

Date Report Requested: 10/20/2014  
Time Report Requested: 06:41:43  
First Dose M/F: NA / NA  
Lab: TSI MASON

ANIMAL ID: 248

TRT#: 5  
DOSE: 10 ML/KG

SEX: Male  
DISP: Moribund Sacrifice

DAY ON TEST: 723  
HISTO: 891081

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	Tongue	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
[ Thrombosis TGLS = 14-13,15-13 ]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fatty Change	Diffuse, Minimal
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-6+6.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			
[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			
[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 248

TRT#: 5

SEX: Male

DAY ON TEST: 723

DOSE: 10 ML/KG

DISP: Moribund Sacrifice

HISTO: 891081

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			
[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-3.2, 2-9,6-8,7-15,8-9.1,10-14, ]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[ Necrosis TGLS = 5-17 ]			
* Nose		Fungus	Minimal
		Inflammation	Acute, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Abscess	Moderate
Skeletal Muscle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3+3.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 249

TRT#: 5

DOSE: 10 ML/KG

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 658

HISTO: 891082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Bone                   | * Brain                    | * Epididymis              | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Mammary Gland             |
| * Parathyroid Gland      | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | Skeletal Muscle            | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

OBSERVATIONS

- |   |                |                         |                |
|---|----------------|-------------------------|----------------|
| * Adrenal Cortex                        |                | Hypertrophy             | Mild           |
| * Adrenal Medulla                       |                | Leukemia Mononuclear    |                |
| * Bone Marrow                           |                | Leukemia Mononuclear    |                |
| * Heart                                 |                | Pheochromocytoma Benign |                |
|   |                | Leukemia Mononuclear    |                |
| * Kidney                                |                | Cardiomyopathy          | Mild           |
| * Liver                                 |                | Leukemia Mononuclear    |                |
| [ Leukemia Mononuclear TGLS = 7-6 ]     |                | Leukemia Mononuclear    |                |
| * Lung                                  |                | Leukemia Mononuclear    |                |
| Lymph Node                              | Mediastinal    | Leukemia Mononuclear    |                |
|   | Pancreatic     | Leukemia Mononuclear    |                |
| [ Leukemia Mononuclear TGLS = 6-8,9-3 ] |                |                         |                |
| [ Leukemia Mononuclear TGLS = 6-8,9-3 ] |                |                         |                |
| * Lymph Node, Mandibular                |                | Leukemia Mononuclear    |                |
| [ Leukemia Mononuclear TGLS = 6-8,9-3 ] |                |                         |                |
| * Lymph Node, Mesenteric                |                | Leukemia Mononuclear    |                |
| [ Leukemia Mononuclear TGLS = 6-8,9-3 ] |                |                         |                |
| * Nose                                  |                | Fungus                  | Moderate       |
|   |                | Inflammation            | Acute, Mild    |
|   | Respirat Epith | Metaplasia              | Squamous, Mild |
| * Pancreas                              | Acinus         | Atrophy                 | Mild           |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 249	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 658
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891082

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland [ Cyst TGLS = 10-8 ]	Pars Distalis	Cyst	
* Skin [ Fibroma TGLS = 2-14 ]	Subcut Tiss	Fibroma	
* Spleen [ Leukemia Mononuclear TGLS = 5-3.1 ]		Leukemia Mononuclear	
* Testes Note: HYPERPLASIA AND ADENOMA IN DIFFERENT TESTIS [ Adenoma TGLS = 4-7 ]	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05143-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Corn oil

CAS Number: 8001-30-7

Date Report Requested: 10/20/2014

Time Report Requested: 06:41:43

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 250

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 10 ML/KG

DISP: Moribund Sacrifice

HISTO: 891083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum		Erosion	Moderate
* Liver		Fatty Change	Focal, Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Lumbar	Pigmentation	Moderate
	Renal	Pigmentation	Mild
[ Leukemia Mononuclear TGLS = 5-15,6-16,12-3,14-8 ]			
[ Leukemia Mononuclear TGLS = 5-15,6-16,12-3,14-8 ]			
[ Leukemia Mononuclear TGLS = 5-15,6-16,12-3,14-8 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-15,6-16,12-3,14-8 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-15,6-16,12-3,14-8 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10.1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05143-01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Corn oil  
**CAS Number:** 8001-30-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 06:41:43  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 250	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 661
	<b>DOSE:</b> 10 ML/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 891083

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Stomach, Glandular		Erosion	Moderate
[ Erosion TGLS = 13-5.1 ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: HYPERPLASIA AND ADENOMA NOT IN SAME TESTIS			
[ Adenoma TGLS = 2-7 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE