

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

C Number:	C56213
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	05/13/1987

Experiment Number: 05038-01
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 706
DOSE: 0 MG/KG **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia	Fatty, Mild Mild
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatodiaphragmatic Nodule Leukemia Mononuclear	
Note: ANOM HEPAT LOB TGLs = 3-11			
Lung	Alveolar Epith	Hyperplasia Inflammation Leukemia Mononuclear	Mild Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Mild Minimal
Note: ADENOMA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:

Animal Note: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 706
DOSE: 0 MG/KG **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Moderate
		Leukemia Mononuclear	
Parathyroid Gland		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 706
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-11]

Testes	Bilateral, Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-10		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 500 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Brain		Compression	
		Hemorrhage	Acute, Moderate
		Hydrocephalus	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstitial Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-10		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 500

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PITUITARY ADENOMA

Animal Note: AND RESULTANT CHANGES IN BRAIN.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
Note: CATARACT	TGLs = 1-9		
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: CYST	TGLs = 4-6		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: ADENOMA TGLs = 2-7		Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 656
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Brain		Granular Cell Tumor Malignant	
		Necrosis	Moderate
Epididymis		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Keratoacanthoma	
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2,4-10		
Note: ATROPHY	TGLs = 3-10		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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Animal Note: AND ASSOCIATED PARENCHYMAL MALACIA.

Animal Note: CAUSE OF MORBIDITY: BENIGN EPENDYMOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urethra	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

Note: ADENOMA TGLs = 2-7

Note: ATROPHY TGLs = 1-7

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Mesentery	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Brain		Compression	
		Hydrocephalus	Mild
Intestine Large	Rectum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 1-1]			
Liver		Degeneration	Cystic, Minimal
		Inflammation	Chronic, Moderate
Lung		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-6			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: AND ASSOCIATED HYDROCEPHALUS AND
 Animal Note: AND COMPRESSION OF HYPOTHALMUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 588 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Brain		Compression	
Note: NOT APPARENT AT TRIM OR HISTOPATHOLOGICALLY.			
Note: TGL#5-NCL-BLACK FOCUS, AS NOTED AT NECROPSY,			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 2-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Acute, Marked
Note: ADENOMA TGLs = 6-7			
Note: HEMORRHAGE TGLs = 6-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Stomach	Forestomach	Inflammation	Chronic Active, Mild
	Glandular	Inflammation	Chronic Active, Mild
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 588 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 4-10 Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA
Animal Note: AND PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 673
DOSE: 0 MG/KG **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 4-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-1			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ADENOMA TGLs = 1,2-10			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 673

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA

Animal Note: AND PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Moderate
Islets, Pancreatic		Adenoma	Multiple
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-2+3		
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-6		
Note: ADENOMA	TGLs = 1-6		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 726 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 4-13			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Moderate Minimal
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA

Animal Note: AND PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 599

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-5+7		
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 599

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy Mineralization	Marked Minimal
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 717

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy Leukemia Mononuclear	Chronic, Mild
Note: TGL#2-NCL-ATRIA CONSIDERED TO BE WNL HISTOPATHO- Note: LOGICALLY. ENLARGEMENT, AS NOTED AT NECROPSY, Note: DUE TO CONGESTION.			
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Minimal
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 1

DOSE: 0 MG/KG

SEX: Male

DISP: Moribund

DAY ON TEST: 717

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 450

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	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	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
Note: HYPERPLASIA	TGLs = 1-11		
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Edema	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	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	Mesentery
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ADENOMA	TGLs = 1,2-7		
Note: ATROPHY	TGLs = 2-7		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Islets, Pancreatic	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

Note: ADENOMA TGLs = 1,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Ductus Deferens	Epididymis	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Mesentery	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 2-9			
Lung		Inflammation	Chronic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 670

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Esophagus
Harderian Gland	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
Prostate	Salivary Glands	Skeletal Muscle	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Ureter
Urinary Bladder			

MISSING

Epididymis	Intestine Large - Cecum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node			
Note: TGL#3-NCL-MANDIBULAR LYMPH NODES CONSIDERED TO			
Note: BE WNL HISTOPATHOLOGICALLY.			
Mesentery		Mesothelioma Malignant	
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-11		
Spleen		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 6-1		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 670 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesothelioma Malignant Mineralization	Minimal
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Note: ATROPHY TGLs = 5-10
Note: ADENOMA TGLs = 4-10

Thymus

Note: WERE ALSO CONGESTED.
Note: TGL#2-NCL-THYMUS CONSIDERED TO BE WNL
Note: HISTOPATHOLOGICALLY. RED COLOR, AS NOTED AT
Note: NECROPSY, DUE TO CONGESTION. THE MEDIASTINAL L N'S

Tooth	Inflammation	Chronic Active, Mild
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PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Coagulating Gland
Ductus Deferens	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Liver	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Moderate
Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-6		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Dimethoxane
 CAS Number: 828-00-2

Date Report Requested: 10/16/2014
 Time Report Requested: 03:43:17
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 22 TRT#: 1 SEX: Male DAY ON TEST: 731
 DOSE: 0 MG/KG DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
Bone Marrow	Femoral	Leukemia Mononuclear	
	Femoral	Myelofibrosis	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
Note: CATARACT TGLs = 1,2-8			
Note: ATROPHY TGLs = 1,2-8			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
		Leukemia Mononuclear	
Liver			
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin		Hyperkeratosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 726 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERKERATOSIS TGLs = 3,4-9+10 Note: INFLAMMATION TGLs = 3,4-9+10 Spleen Testes	Interstit Cell Seminif Tub Interstit Cell	Inflammation Leukemia Mononuclear Adenoma Atrophy Hyperplasia Mineralization	Chronic Active, Moderate Moderate Mild Minimal
Note: ATROPHY TGLs = 6-7 Note: ADENOMA TGLs = 5-7 Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Brain		Hemorrhage	Acute, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstitial Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 661

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Mild
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: ALL TISSUES EXAMINED WERE MILDLY AUTOLYZED.

Animal Note: AND RESULTANT HYDROCEPHALUS.

Animal Note: CAUSE OF DEATH: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY	TGLs = 4-1		
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-6		
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 3-1		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 349

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Harderian Gland

AUTO PRECLUDES DIAG.

Intestine Large - Rectum Intestine Small - Jejunum

OBSERVATIONS

Brain		Compression	
		Hemorrhage	Acute, Moderate
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Necrotizing, Mild
Lung			
Note: RED COLOR, AS NOTED AT NECROPSY, DUE TO ENGORGEMENT			
Note: TGL#2-LUNG CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Note: OF PULMONARY VESSELS WITH BLOOD.			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 349

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: RESULTANT VENTRICULAR HEMORRHAGE, HYDROCEPHALUS,

Animal Note: AND COMPRESSION OF HYPOTHALMUS.

Animal Note: CAUSE OF DEATH: PITUITARY ADENOMA AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 718

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Heart	Atrium	Cardiomyopathy	Chronic, Mild
Kidney		Thrombosis	
Liver		Nephropathy	Chronic, Moderate
		Basophilic Focus	
		Necrosis	Coagulative, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-6		
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: HYPERPLASIA	TGLs = 1-8		
Note: INFLAMMATION	TGLs = 1-8		
Prostate		Inflammation	Chronic Active, Moderate
Skin			
Note: NOTED AT NECROPSY, IS HYPERPLASTIC AND INFLAMMED			
Note: PREPUTIAL GLAND HISTOPATHOLOGICALLY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 718
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#1-NCL-SKIN MASS, RIGHT INGUINAL REGION, AS

Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 3-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 507

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urethra	

MISSING

Thymus	Urinary Bladder
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Note: TGL#2-NCL-VENTRICULAR ENLARGEMENT, AS NOTED AT			
Note: DUE TO CONGESTION.			
Note: LOGICALLY. ENLARGEMENT, AS NOTED AT NECROPSY,			
Note: TGL#3-NCL-ATRIA CONSIDERED TO BE WNL HISTOPATHO-			
Note: NECROPSY, DUE TO CONGESTION.			
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal	Leukemia Mononuclear Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland			
Note: ADENOMA TGLs = 1-7			
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 507 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Forestomach Interstit Cell Interstit Cell	Hyperkeratosis Adenoma Hyperplasia	Focal, Minimal Mild
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Note: HYPERPLASIA TGLs = 5-10
Note: ADENOMA TGLs = 5-10

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 537

DOSE: 0 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Lung		Foreign Body	Moderate
Note: TO ENGORGEMENT OF PULMONARY VESSELS WITH BLOOD.			
Note: TGL#2-NCL-MOTTLED APPEARANCE, AS NOTED AT NECROPSY, DUE			
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:

Animal Note: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 593

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter		

OBSERVATIONS

Bone Marrow	Femoral	Myelofibrosis	Mild
Kidney		Inflammation	Necrotizing, Moderate
		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Dilatation	Mild

Note: DILATATION TGLs = 1-6

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Mild
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Adenoma	Multiple
	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-1		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ATROPHY	TGLs = 3-7		
Note: ADENOMA	TGLs = 2,3-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
Note: CLEAR CL FOCUS TGLs = 3-4			
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Cyst	

Note: ADENOMA TGLs = 1,2-7

Note: CYST TGLs = 1-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Carcinoma	
Note: CARCINOMA	TGLs = 2-9		
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas		Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-6		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skin		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 1-10		
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 3-9			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 4-1			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ATROPHY Note: ADENOMA	TGLs = 1,2-7 TGLs = 1,2-7		
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Cyst	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

Note: ATROPHY TGLs = 1,2-7

Note: ADENOMA TGLs = 1,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 641

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Pituitary Gland

OBSERVATIONS

Epididymis		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-11		
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-4		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-2+3		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-2+9		
Note: LEUKEMIA MONUC	TGLs = 2-6+14		
Note: LEUKEMIA MONUC	TGLs = 8-2+9		
Mesentery		Inflammation	Chronic Active, Marked
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:17
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	
Skin		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 1-9			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Mild
Note: ATROPHY TGLs = 4-7			
Note: ADENOMA TGLs = 3-7			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:17

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: PITUITARY ADENOMA,

Animal Note: COMPRESSION OF HYPOTHALMUS, AND HYDROCEPHALUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 571

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN	TGLs = 5-7		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-2+3		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-5+7		
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 571
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 4-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 3-9			
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#4-NCL-SPLEEN CONSIDERED			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Note: ATROPHY TGLs = 1,2-7			
Note: ADENOMA TGLs = 1,2-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
Note: CATARACT TGLs = 1-9			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 4-10			
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 2-7
Note: ADENOMA TGLs = 2,3-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 652

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Ureter	Urinary Bladder	

MISSING

Esophagus	Trachea
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OBSERVATIONS

Adrenal Gland	Medulla Cortex Medulla	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Mesothelioma Malignant	Mild
Epididymis Note: MESOTHELIO MAL TGLs = 8-10			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
Liver Note: LEUKEMIA MONUC TGLs = 7-4		Leukemia Mononuclear	
Lung		Inflammation Leukemia Mononuclear	Chronic, Mild
Lymph Node	Mandibular Mediastinal	Leukemia Mononuclear Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery Note: MESOTHELIO MAL TGLs = 3-6+7+11		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skin		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 652
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 1-12

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-13

Testes

Bilateral, Interstit Cell
Seminif Tub
Interstit Cell
Bilateral

Adenoma

Atrophy

Marked

Hyperplasia

Minimal

Mesothelioma Malignant

Note: ADENOMA TGLs = 5,6-10

Note: ATROPHY TGLs = 5,6-10

Note: MESOTHELIO MAL TGLs = 4-10

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY, MONONUCLEAR LEUKEMIA,

Animal Note: MALIGNANT MESOTHELIOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 642

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lung		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 642
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 2-10	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland		C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 3-2			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 1,2-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 557

DOSE: 0 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mesentery
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild

Note: ADENOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: PROBABLE GAVAGE RELATED ACCIDENT.

Animal Note: CAUSE OF DEATH:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-9			
Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic Active, Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Skin			
Note: IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#3-SKIN MASS, AS NOTED AT NECROPSY,			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 1,2-7			
Note: TGL#2-RIGHT TESTICLE WAS SMALLER THAN THE LEFT			
Note: TESTICLE BECAUSE THE TUMOR IN THE LEFT TESTICLE WAS			
Note: LARGER THAN THE TUMOR IN THE RIGHT TESTICLE.			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Coagulating Gland	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Acanthosis	Marked
		Hyperkeratosis	Marked
Note: HYPERKERATOSIS TGLs = 1-11			
Note: ACANTHOSIS TGLs = 1-11			
Spleen		Leiomyosarcoma	
		Leukemia Mononuclear	
Note: LEIOMYOSAR TGLs = 3-12			
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Forestomach	Hyperplasia	Focal, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 666 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Forestomach Bilateral, Interstit Cell Seminif Tub	Ulcer Adenoma Atrophy Mineralization	Marked Marked Minimal
Note: ADENOMA Thymus	TGLs = 4-10	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 62.5 MG/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Mild

Note: ADENOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart	Medulla	Pheochromocytoma Benign	
		Cardiomyopathy	Chronic, Mild
		Inflammation	Chronic Active, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
		Hyperplasia	Nodular, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Note: HYPERPLASIA TGLs = 5,6-11+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 62.5 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-1]

Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY	TGLs = 2-10		
Note: ADENOMA	TGLs = 2,3-10		
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 534

DOSE: 62.5 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Lung		Carcinoma	Metastatic (Uncertain Primary Site)
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 1-10		
Tissue NOS		Hemorrhage	Acute, Marked
Note: TISSUE NOS REPRESENTS LARGE BLOOD CLOT.			
Note: HEMORRHAGE	TGLs = 2-11		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 8-4]			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2+3			
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 7-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 62.5 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-1]

Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild
		Mineralization	Minimal

Note: ATROPHY TGLs = 5-10

Note: ADENOMA TGLs = 6-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone			
Note: NOT FOUND AT TRIM.			
Note: TGL#2-NST-BONE LESION, AS NOTED AT NECROPSY,			
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Necrosis	Coagulative, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 380

DOSE: 62.5 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Carcinoma	
Note: CARCINOMA	TGLs = 2-11		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Hemorrhage	Chronic, Marked
		Nephropathy	Chronic, Minimal
Note: HEMORRHAGE	TGLs = 1-11		
Lung		Inflammation	Chronic, Mild
Mesentery		Hemorrhage	Chronic, Marked
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Inflammation	Chronic Active, Mild
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: AND ASSOCIATED HEMORRHAGE.

Animal Note: CAUSE OF DEATH:ADRENAL CORTICAL CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1,2-7		
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 1-7	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver Note: LEUKEMIA MONUC TGLs = 2-4		Basophilic Focus	
Mammary Gland		Leukemia Mononuclear	
Preputial Gland		Hyperplasia	Cystic, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Leukemia Mononuclear	
	Seminif Tub	Adenoma	
	Interstit Cell	Atrophy	Marked
Note: ADENOMA TGLs = 3,4-10		Hyperplasia	Mild
Note: ATROPHY TGLs = 3,4-10			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mesentery	Nose
Pancreas	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Squamous Cell Carcinoma	Metastatic (Skin)
Note: HYPERPLASIA TGLs = 2-7			
Note: SQUAM CEL CARC TGLs = 2-7			
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
Note: HYPERPLASIA TGLs = 1-10			
Prostate		Inflammation	Chronic Active, Mild
Skin		Squamous Cell Carcinoma	
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 674 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA Note: ATROPHY	TGLs = 3,4-10 TGLs = 3-10	Seminif Tub	Atrophy	Marked
Thyroid Gland		C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: HYDROCEPHALUS. ALSO, SQUAMOUS CELL CARCINOMA

Animal Note: RESULTANT COMPRESSION OF HYPOTHALMUS

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA WITH

Animal Note: WITH METASTASIS TO MANDIBULAR LYMPH NODE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 62.5 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Esophagus
Intestine Small - Jejunum
Lymph Node - Mandibular
Preputial Gland
Skin
Testes
Trachea

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Islets, Pancreatic
Mesentery
Salivary Glands
Spleen
Thymus
Ureter

Blood Vessel
Coagulating Gland
Intestine Large - Rectum
Kidney
Pancreas
Seminal Vesicle
Stomach - Forestomach
Thyroid Gland
Urinary Bladder

Bone
Epididymis
Intestine Small - Duodenum
Liver
Pituitary Gland
Skeletal Muscle
Stomach - Glandular
Tooth

MISSING

Harderian Gland

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Ileum

Nose

OBSERVATIONS

Heart
Lung

Cardiomyopathy
Foreign Body

Chronic, Mild
Moderate

Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

Mammary Gland
Prostate

Hyperplasia
Inflammation

Cystic, Mild
Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 416

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Ductus Deferens	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	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Brain		Astrocytoma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Inflammation	Chronic, Mild
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: BENIGN ASTROCYTOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 695

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mesentery	Parathyroid Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart	Cortex	Leukemia Mononuclear	Chronic, Mild
	Medulla	Leukemia Mononuclear	
Kidney	Atrium	Cardiomyopathy	Chronic, Mild
		Thrombosis	
Liver	Note: LEUKEMIA MONUC TGLs = 5-4	Leukemia Mononuclear	Chronic, Mild
		Nephropathy	
Lung	Alveolar Epith	Leukemia Mononuclear	Mild
		Hyperplasia	
Lymph Node	Mandibular	Leukemia Mononuclear	Moderate
		Foreign Body	
Nose	Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.	Inflammation	Chronic Active, Mild
		Atrophy	Moderate
Pancreas	Acinus	Leukemia Mononuclear	Chronic Active, Moderate
Pituitary Gland		Inflammation	
Preputial Gland		Leukemia Mononuclear	
Salivary Glands			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 695 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: PAPILLOMA SQUA TGLs = 1-11		Squamous Cell Papilloma	
Spleen [Leukemia Mononuclear TGLS = 2-1]		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 4-10 Note: ATROPHY TGLs = 3-10	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Minimal
Thyroid Gland	C Cell Follicular Cel	Adenoma Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	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	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 5-11			
Nose		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Hyperplasia TGLS = 1-13]			
Prostate		Inflammation	Chronic Active, Mild
Skin		Hyperkeratosis	Marked
Note: HYPERKERATOSIS TGLs = 2-12			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ATROPHY	TGLs = 3-10		
Note: ADENOMA	TGLs = 3,4-10		
Thyroid Gland			
Note: CARCINOMA	TGLs = 6-7		
	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Moderate
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal

Note: ADENOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Brain		Compression	
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Cyst	
		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Moderate
Lung		Foreign Body	Mild
	Mediastinum	Inflammation	Chronic Active, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Prostate		Inflammation	Chronic Active, Moderate
Stomach	Forestomach	Inflammation	Chronic Active, Moderate
Testes			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL-TESTES CONSIDERED			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 706
	DOSE: 62.5 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: RESULTANT COMPRESSION OF HYPOTHALMUS

Animal Note: AND HYDROCEPHALUS.

Animal Note: CAUSE OF MORBIDITY:PITUITARY ADENOMA WITH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Hyperplasia	Mild Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 5-11]		
Lung		Foreign Body Inflammation	Mild Chronic, Mild
	Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.		
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Note: CYST TGLs = 1-7		
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Hyperkeratosis	Moderate
	Note: HYPERKERATOSIS TGLs = 2-12		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy Mineralization	Marked Minimal
	Note: ADENOMA TGLs = 3,4-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 62.5 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel C Cell	Carcinoma Hyperplasia	Minimal
Note: CARCINOMA	TGLs = 6-7		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 563

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2,3-11]	
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 563
	DOSE: 62.5 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 1-10		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mesentery	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Hyperplasia	Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-10

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
Note: YELLOW COLOR, AS NOTED AT NECROPSY, PROBABLY DUE TO JAUNDICE SENCONDARY TO THE MONONUCLEAR LEUKEMIA. [Cataract TGLS = 1-11]			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Infarct	Chronic, Moderate
		Leukemia Mononuclear	
Note: INFARCT TGLs = 3-1 [Infarct TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 677 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Mild
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 62.5 MG/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal

Note: ADENOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 515

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Ureter
Urinary Bladder			

OBSERVATIONS

Esophagus		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Lung	Mediastinum	Hemorrhage	Acute, Moderate
	Mediastinum	Inflammation	Chronic Active, Moderate
Lymph Node			
Note: TGL#3-ENLARGED MESENTERIC L N, AS NOTED AT NECROPSY,			
Note: IS INFLAMMATION OF MESENTERY HISTOPATHOLOGICALLY.			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 3-11			
Nose		Inflammation	Chronic Active, Moderate
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 2-10			
Trachea		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 515

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3-7			
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-12			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skin		Lipoma	
Note: LIPOMA TGLs = 1-11			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Interstitial Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 689

DOSE: 62.5 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Intestine Small - Ileum

AUTO PRECLUDES DIAG.

Intestine Large - Cecum Intestine Large - Colon

OBSERVATIONS

Brain		Compression	
		Hemorrhage	Acute, Marked
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: AND COMPRESSION OF HYPOTHALMUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 689

DOSE: 62.5 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PITUITARY ADENOMA WITH

Animal Note: RESULTANT HYDROCEPHALUS,VENTRICULAR HEMORRHAGE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 4-11]			
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: WHICH WAS ENLARGED DUE TO THE IC ADENOMA.			
Note: AT NECROPSY WHEN COMPARED WITH THE RIGHT TESTICLE			
Note: SIZE HISTOPATHOLOGICALLY. IT PROBABLY APPEARED SMALL			
Note: TGL#3-NCL-LEFT TESTICLE CONSIDERED TO BE OF NORMAL			
Note: ADENOMA TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 514

DOSE: 62.5 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Ureter	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Esophagus		Hemorrhage	Acute, Moderate
		Inflammation	Chronic Active, Moderate
Kidney		Nephropathy	Chronic, Mild
Lung		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Lymph Node	Mandibular	Cyst	
Note: CYST TGLs = 1-7			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-11			
Nose		Fibrosis	Mild
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Trachea		Hemorrhage	Acute, Moderate
		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 514

DOSE: 62.5 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 617

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Intestine Large - Rectum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-11]	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal
Note: ADENOMA	TGLs = 1-10		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 617

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Moderate
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery			
Note: REPORTED TO BE MISSING AT TRIM.			
Note: TGL#2-NST-MESENTERIC FAT NODULE, AS NOTED AT NECROPSY,			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
[Mineralization TGLS = 1-10]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mesentery	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver			
Note: TGL#7-NCL-LIVER CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#6-NCL-MANDIBULAR L N CONSIDERED			
Nose		Foreign Body Inflammation	Mild Chronic Active, Mild
Note: FOREIGN BODY IS UNIDENTIFIED DEBRIS.			
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Acanthosis	Mild
	Subcut Tiss	Fibrosarcoma	
		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic Active, Moderate

Note: ACANTHOSIS TGLs = 1-11

Note: TGL#2-EPIDERMAL SURFACE COVERING CUTANEOUS

Note: TGL#3-NST-NODULE ON NOSE, AS NOTED AT NECROPSY, WAS

Note: INFLAMMATION TGLs = 1-11

Note: HYPERKERATOSIS TGLs = 1-11

Note: FIBROSARC TGLs = 2-12

Note: FIBROSARCOMA WAS ULCERATED AND INFLAMMED.

Note: REMOVED PRIOR TO PLACING THE NOSE IN DECAL SOLUTION.

Note: INADVERTENTLY LOST AT TRIM WHEN THE NOSE SKIN WAS

Testes

Bilateral, Interstit Cell

Adenoma

Seminif Tub

Atrophy

Marked

Note: ADENOMA TGLs = 4,5-10

Tooth

Dysplasia

Marked

Inflammation

Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	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	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-12			
Preputial Gland		Inflammation	Chronic Active, Minimal
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	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	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 1-11		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Sem Ves			
Note: NOT APPARENT HISTOPATHOLOGICALLY.			
Note: TGL#2-NCL-SEMINAL VESICLE ADHESIONS			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 722 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urethra	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Mesothelioma Malignant	Metastatic (Uncertain Primary Site)
		Thrombosis	
Note: MESOTHELIO MAL TGLs = 6-11			
Note: THROMBUS TGLs = 7-4			
Intestine Small	Ileum	Mesothelioma Malignant	
	Jejunum	Mesothelioma Malignant	
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
Lymph Node			
Note: TGL#5-NCL-MESENERIC L N CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-13]			
Mesentery		Mesothelioma Malignant	
Pancreas		Mesothelioma Malignant	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 722 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Preputial Gland		Inflammation	Chronic Active, Moderate
Seminal Vesicle		Mesothelioma Malignant	
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, LEFT AXILLARY REGION, AS NOTED AT			
Spleen		Fibrosis Mesothelioma Malignant	Moderate
Note: FIBROSIS TGLs = 8-1			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy Mesothelioma Malignant Mineralization	Marked Minimal
Note: ADENOMA TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Mesothelioma Malignant	
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY: MALIGNANT MESOTHELIOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Note: HYPERPLASIA TGLs = 4-2			
Lymph Node		Carcinoma	Metastatic (Thyroid Gland)
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#2-NCL-MANDIBULAR L N CONSIDERED			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
Skin			
Note: TGL#1-SKIN MASS, LEFT FACE, AS NOTED AT NECROPSY, IS			
Note: ZYMBALS GLAND CARCINOMA HISTOPATHOLOGICALLY.			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 722 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 3-10	Interstit Cell	Hyperplasia	Mild
Thyroid Gland		C Cell	Carcinoma	
Zymbal's Gland			Carcinoma	
[Carcinoma TGLS = 1-11]				

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:ZYMBALS GLD CARCINOMA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	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
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 2-11		
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 1-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mandibular	Mesentery	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Ureter	Urinary Bladder		

MISSING

Harderian Gland	Nose	Preputial Gland	
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
	Duct	Ectasia	Mild
Skel Muscle			
Note: IS A LESION THAT IS BEST DIAGNOSED GROSSLY.			
Note: BE WNL HISTOPATHOLOGICALLY. DIAPHRAGMATIC HERNIA			
Note: TGL#2-NCL-SKELETAL MUSCLE OF DIAPHRAGM CONSIDERED TO			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 724 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia Mineralization	Mild Minimal
[Mineralization TGLS = 3,4-10] Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Foreign Body	Moderate
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
<p>Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.</p> <p>Note: LEUKEMIA MONUC TGLs = 4-2+3</p>			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Mild
<p>Note: INFLAMMATION TGLs = 2-11</p>			
Pituitary Gland			
<p>Note: TO BE WNL HISTOPATHOLOGICALLY.</p> <p>Note: TGL#6-NCL-PITUITARY GLD CONSIDERED</p>			
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: FIBROMA TGLs = 5-12	Subcut Tiss	Fibroma	
Spleen [Leukemia Mononuclear TGLS = 3-1]		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 1-10	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 383

DOSE: 62.5 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Thyroid Gland	Tooth
Trachea			

MISSING

Harderian Gland	Intestine Large - Rectum	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Stomach - Glandular	Urinary Bladder
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

[Hyperplasia TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

Animal Note: TO SEVERELY AUTOLYTIC.

Animal Note: ALL TISSUES EXAMINED WERE MORERATELY

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	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	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Mild
Note: INFLAMMATION	TGLs = 1-11		
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mesentery	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
		Neoplastic Nodule	

Note: LIVER. THERE IS NO EVIDENCE OF NEOPLASTIC CHANGE.

Note: LEUKEMIA MONUC TGLs = 4,7-4+13

Note: TGL#5-NCL-LIVER NODULE CONSISTS OF A PIECE OF LIVER

Note: ATTACHED TO A PEDICLE OF PARTIALLY STRANGULATED

Note: NEOPLASTIC NOD TGLs = 6-12

Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	

[Leukemia Mononuclear TGLS = 3-1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy Mineralization	Marked Minimal
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Note: TGL#2-THE LEFT TESTICLE APPEARED SMALLER AT NECROPSY

Note: BECAUSE THE IC ADENOMA INVOLVING THIS TESTICLE WAS

Note: SMALLER THAN THE ONE INVOLVING THE RIGHT TESTICLE.

Note: ADENOMA TGLs = 1,2-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	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	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Cyst	
		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 1-1		
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mesentery
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1,2-10		
Thyroid Gland	Bilateral, C Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mesentery	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
Note: ADENOMA	TGLs = 1-10		
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	Marked
	Seminif Tub	Atrophy	Minimal
		Mineralization	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THAN THE ONE INVOLVING THE RIGHT TESTICLE.

Note: ADENOMA TGLs = 2,3-10

Note: ADENOMA INVOLVING THE LEFT TESTICLE WAS SO MUCH LARGER

Note: WHEN COMPARED TO THE LEFT TESTICLE BECAUSE THE IC

Note: TGL#3-THE RIGHT TESTICLE APPEARED SMALL AT NECROPSY

Thyroid Gland

Bilateral, C Cell

Adenoma

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	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
Mesentery	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-7			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-10	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 403

DOSE: 62.5 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Eye	Intestine Large - Rectum
-----	--------------------------

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Eye		
Note: TGL#1-EYES REPORTED TO BE MISSING AT TRIM.		
Heart	Cardiomyopathy	Chronic, Mild
Kidney	Nephropathy	Chronic, Minimal
Lung	Foreign Body	Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.		
Note: TO ENGORGEMENT OF PULMONARY VESSELS WITH BLOOD.		
Note: TGL#2-NCL-MOTTLED-RED COLOR, AS NOTED AT NECROPSY, DUE		
Mammary Gland	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 619

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Eye			
Note: YELLOW COLOR AS NOTED,AS NOTED AT NECROPSY,IS PROBABLY			
Note: TGL#4-NCL-EYES CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Note: DUE TO JAUNDICE SECONDARY TO THE MONONUCLEAR LEUKEMIA.			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Nose		Foreign Body	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 3	SEX: Male	DAY ON TEST: 619
	DOSE: 62.5 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal
Note: ADENOMA	TGLs = 3-10		
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hypertrophy	Mild
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Mild
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 3-11		
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstitial Cell	Hyperplasia	Minimal

Note: DUE TO THE IC ADENOMA.

Note: ADENOMA TGLs = 2-10

Note: TGL#1-NCL-LEFT TESTICLE CONSIDERED TO BE WNL HISTO-

Note: COMPARED WITH THE RIGHT TESTICLE WHICH WAS ENLARGED

Note: PATHOLOGICALLY. IT APPEARED SMALL AT NECROPSY WHEN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen			
Note: TGL#3-NCL-SPLEEN CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Note: ATROPHY	TGLs = 2-10		
Note: ADENOMA	TGLs = 1,2-10		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 641

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mesentery
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Marked
[Adenoma TGLS = 1-11]			
Prostate		Inflammation	Chronic Active, Minimal
Skin			
Note: TGL#1-SKIN MASS, VENTRAL ABDOMEN, AS NOTED AT NECROPSY,			
Note: IS PREPUTIAL GLD ADENOMA HISTOPATHOLOGICALLY.			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 641 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-10] Thyroid Gland	Interstit Cell C Cell	Hyperplasia Hyperplasia	Minimal Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: RELATED CHRONIC-ACTIVE INFLAMMATION.

Animal Note: CAUSE OF MORBIDITY:PREPUTIAL GLAND ADENOMA AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
	Coron Artery	Inflammation	Chronic Active, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-4		
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Cyst	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal

Note: TGL#2-RIGHT TESTICLE APPEARED SMALLER AT NECROPSY WHEN
Note: IN THE RIGHT TESTICLE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: 62.5 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: IN THE LEFT TESTICLE WAS MUCH LARGER THAN THE TUMOR
Note: COMPARED WITH THE LEFT TESTICLE BECAUSE THE IC ADENOMA
Note: ADENOMA TGLs = 2,3-10

Thyroid Gland	Follicular Cel C Cell	Adenoma Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 593

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	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
Mesentery	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Minimal
Spinal Cord	White Matter	Degeneration	Moderate
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstitial Cell	Hyperplasia	Mild

Note: ADENOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: MAY BE ASSOCIATED WITH THE AXONAL DEGENERATION

Animal Note: CLINICALLY. THE EXACT CAUSE IS UNDETERMINED BUT

Animal Note: CAUSE OF MORBIDITY:HINDLIMB PARALYSIS AS NOTED

Animal Note: EXAMINED HISTOPATHOLOGICALLY.

Animal Note: OF THE WHITE MATTER OF THE SPINAL CORD.

Animal Note: FROM THE TISSUES EXAMINED HISTOPATHOLOGICALLY.

Animal Note: CLINICALLY. THE REASON FOR THIS WAS NOT APPARENT

Animal Note: CAUSE OF MORBIDITY:HINDLIMB PARALYSIS AS NOTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 593

DOSE: 62.5 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: THE SPINAL CORD WAS NOT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Mild
Note: PHEOCHROM BGN TGLs = 4-7			
Heart	Atrium	Cardiomyopathy Inflammation Thrombosis	Chronic, Mild Chronic Active, Mild
Kidney		Nephropathy	Chronic, Moderate
Lung		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation Mineralization	Chronic Active, Marked Mild
Note: INFLAMMATION TGLs = 3-11			
Nose		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 3 DOSE: 62.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminif Tub	Atrophy	Marked
Interstit Cell	Hyperplasia	Mild
	Mineralization	Minimal

Note: ADENOMA TGLs = 1,2-10

Note: THE RIGHT TESTICLE.

Note: TGL#1-THE RIGHT TESTICLE APPEARED SMALLER THAN THE

Note: LEFT TESTICLE AT NECROPSY BECAUSE THE IC ADENOMA IN

Note: THE LEFT TESTICLE WAS MUCH LARGER THAN THE ONE IN

Thyroid Gland	C Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 121

TRT#: 4

SEX: Male

DAY ON TEST: 423

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Ductus Deferens	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Mesentery	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Glandular
Testes	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Harderian Gland	Intestine Large - Cecum	Intestine Small - Ileum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Cyst	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 10-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-2		
Note: LEUKEMIA MONUC	TGLs = 1-5+7		
[Leukemia Mononuclear TGLS = 5-12]			
[Leukemia Mononuclear TGLS = 4-13]			
Mesentery			
Note: COLOR, AS NOTED AT NECROPSY,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 121

TRT#: 4

SEX: Male

DAY ON TEST: 423

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#6-NCL-SECTION OF MESENTERY PROVIDED FOR EXAMINATION

Note: CONSIDERED TO BE WNL HISTO-

Note: PATHOLOGICALLY. YELLOW

Note: PROBABLY DUE TO JAUNDICE

Note: SECONDARY TO THE MONONUCLEAR LEUKEMIA.

Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Marked
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-2			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 7-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 122

TRT#: 4

SEX: Male

DAY ON TEST: 515

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	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
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 1-11			
Note: ADENOMA TGLs = 1-11			
Skin			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, VENTRAL RIGHT ABDOMINAL REGION, AS			
Note: NOTED AT NECROPSY, IS PREPUTIAL GLAND ADENOMA			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 2-10			

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:

Animal Note: HYPERPLASTIC AND INFLAMMED PREPUTIAL GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 122

TRT#: 4

SEX: Male

DAY ON TEST: 515

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Small	Ileum	Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA	TGLs = 5-6		
Preputial Gland		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-9		
Spleen			
Note: TGL#2-NCL-SPLEEN CONSIDERED TO			
Note: BE WNL HISTOPATHOLOGICALLY.			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminif Tub	Atrophy	Marked
Interstit Cell	Hyperplasia	Minimal
	Mineralization	Minimal
Bilateral, C Cell	Adenoma	
C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Note: ADENOMA TGLs = 3,4-7
Thyroid Gland

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 124

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye			
Note: TGL#1-NCL-EYES CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Note: YELLOW COLOR, AS NOTED AT NECROPSY, PROBABLY			
Note: DUE TO JAUNDICE SECONDARY TO MONONUCLEAR LEUKEMIA.			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
		Mineralization	Mild
		Necrosis	Marked
Note: INFLAMMATION TGLs = 5-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MINERALIZATION TGLs = 5-10			
Note: NECROSIS TGLs = 5-10			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 8-6			
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-9			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ADENOMA TGLs = 2,3-7			
Note: TGL#3-RIGHT TESTICLE APPEARED SMALLER AT NECROPSY			
Note: BECAUSE ITS TUMOR WAS SMALLER THAN THAT IN			
Note: THE LEFT TESTICLE.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 125

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1+9]		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 126

TRT#: 4

SEX: Male

DAY ON TEST: 561

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	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
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-11		
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION	TGLs = 1-12		
Note: HYPERPLASIA	TGLs = 1-12		
Skin			
Note: IS MAMMARY GLAND FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#2-SKIN MASS, LEFT VENTRAL AREA, AS NOTED AT NECROPSY,			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Squamous Cell Papilloma	
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: HISTOPATHOLOGICALLY. IT APPEARED SMALL BECAUSE THE			
Note: TGL#3-NCL-RIGHT TESTICLE CONSIDERED TO BE WNL			
Note: ADENOMA	TGLs = 4-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 4

SEX: Male

DAY ON TEST: 561

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DUE TO THE ICT.

Note: LEFT TESTICLE WAS GREATLY ENLARGED

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:

Animal Note: HYPERPLASTIC AND INFLAMMED PREPUTIAL GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 127

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Intestine Small - Duodenum	Thymus
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OBSERVATIONS

Ear		Acanthosis	Mild
		Hyperkeratosis	Mild
Note: HYPERKERATOSIS TGLs = 1-9			
Note: ACANTHOSIS TGLs = 1-9			
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Carcinoma	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Note: CARCINOMA TGLs = 7-11			
Liver		Inflammation	Necrotizing, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Mild
Note: INFLAMMATION TGLs = 4-10			
Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: TGL#2-LEFT TESTICLE WAS SMALLER THAN RIGHT TESTICLE			
Note: BECAUSE THE ICT WAS SMALLER IN THE LEFT TESTICLE.			
Note: ADENOMA TGLs = 2,3-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 634
DOSE: 125 MG/ KG **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Coagulating Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN	TGLs = 3-7		
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Mesothelioma Malignant	
Kidney		Mesothelioma Malignant	
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Mesothelioma Malignant	
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL	TGLs = 2-6+7+11		
Pancreas			
Note: MESENTERY AND PERITONEUM HISTOPATHOLOGICALLY.			
Note: TGL#2-MULTIPLE NODULES, AS NOTED AT NECROPSY, INVOLVE			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 4	SEX: Male	DAY ON TEST: 634
	DOSE: 125 MG/ KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 1-10		Mesothelioma Malignant	
Thyroid Gland		C Cell	Adenoma	
		C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MALIGNANT MESOTHELIOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 4

SEX: Male

DAY ON TEST: 556

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Eye	Harderian Gland
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	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Eye

Note: TGL#1-NCL-EYES CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 130

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Dimethoxane
 CAS Number: 828-00-2

Date Report Requested: 10/16/2014
 Time Report Requested: 03:43:18
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 131

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2+13		
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Mild
Note: INFLAMMATION	TGLs = 5-9		
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-10		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 3,4-7		
Note: TGL#3-RIGHT TESTICLE WAS SMALLER THAN THE LEFT TESTICLE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 4	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BECAUSE THE ICT WAS SMALLER IN THE RIGHT TESTICLE.

Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 132

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Ear			
Note: AS NOTED AT NECROPSY, WAS NOT PRESENT AT TRIM.			
Note: TGL#2-NST-TECHNICIAN REPORTS THAT MASS ON RIGHT EAR,			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 133

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal

Note: ADENOMA TGLs = 1,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 134

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 135

TRT#: 4

SEX: Male

DAY ON TEST: 278

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Heart	Cardiomyopathy	Chronic, Mild
Lung	Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.		
Mammary Gland	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: UNDETERMINED.

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 136

TRT#: 4

SEX: Male

DAY ON TEST: 627

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Foreign Body	Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen			
Note: TGL#1-NCL-SPLEEN CONSIDERED TO			
Note: BE WNL HISTOPATHOLOGICALLY.			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal

Note: ADENOMA TGLs = 2-10

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 137

TRT#: 4

SEX: Male

DAY ON TEST: 555

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Mild
Lung		Foreign Body	Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Mild
Note: ECTASIA TGLs = 2-10			
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 138

TRT#: 4

SEX: Male

DAY ON TEST: 694

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Ureter	Urinary Bladder		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain		Compression	
		Hemorrhage	Acute, Mild
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Moderate
Stomach	Forestomach	Hyperkeratosis	Focal, Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 1-10		
Tooth		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 4

SEX: Male

DAY ON TEST: 694

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: VENTRICULAR HEMORRHAGE.

Animal Note: CAUSE OF DEATH: PITUITARY ADENOMA AND RESULTANT

Animal Note: COMPRESSION OF HYPOTHALMUS, HYDROCEPHALUS AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 139

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Minimal
Note: INFLAMMATION TGLs = 3-9			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skin		Acanthosis	Moderate
		Hyperkeratosis	Moderate
Note: ACANTHOSIS TGLs = 1-10			
Note: HYPERKERATOSIS TGLs = 1-10			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 139

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 140

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mesentery	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Intestine Small - Ileum	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 141

TRT#: 4

SEX: Male

DAY ON TEST: 587

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	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
Mesentery	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pancreas		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Testes	Interstitial Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: AND HYDROCEPHALUS.

Animal Note: RESULTANT COMPRESSION OF HYPOTHALMUS

Animal Note: CAUSE OF MORBIDITY: PITUITARY ADENOMA AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 4

SEX: Male

DAY ON TEST: 635

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA	TGLs = 2-11		
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Lung		Foreign Body	Moderate
		Inflammation	Chronic, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Lymph Node			
Note: IS ISLET CELL CARCINOMA HISTOPATHOLOGICALLY.			
Note: HISTOPATHOLOGICALLY. RED COLOR,			
Note: TGL#2-ENLARGED MESENTERIC L N, AS NOTED AT NECROPSY,			
Note: AS NOTED AT NECROPSY, DUE TO CONGESTION.			
Note: TGL#1-NCL-MEDIASTINAL L N CONSIDERED TO BE WNL			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142	TRT#: 4	SEX: Male	DAY ON TEST: 635
	DOSE: 125 MG/ KG	DISP: Dosing Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PROBABLE GAVAGE RELATED

Animal Note: ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 143

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Parathyroid Gland	Penis
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5-6			
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Minimal

Note: ADENOMA TGLs = 1-7

Note: TGL#2-NCL-LEFT TESTICLE CONSIDERED TO BE OR NORMAL

Note: SIZE. IT APPEARED SMALL AT NECROPSY BECAUSE THE RIGHT

Note: TESTICLE WAS ENLARGED DUE TO THE ICT.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 144

TRT#: 4

SEX: Male

DAY ON TEST: 641

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
Lung		Foreign Body	Moderate
	Mediastinum	Inflammation	Chronic Active, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Note: TO ENGORGEMENT OF PULMONARY VESSELS WITH BLOOD.			
Note: TGL#1-NCL-MOTTLED APPEARANCE,AS NOTED AT NECROPSY,DUE			
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
		Mineralization	Minimal

Note: ADENOMA TGLs = 2-10

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:

Animal Note: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 4

SEX: Male

DAY ON TEST: 641

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 145

TRT#: 4

SEX: Male

DAY ON TEST: 493

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Necrosis	Coagulative, Mild
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Moderate

Note: FIBROADENOMA TGLs = 1-11

Skin

Note: GLAND FIBROADENOMA HISTOPATHOLOGICALLY.

Note: IS A NECROTIC AND INFLAMMED MAMMARY

Note: TGL#1-SKIN MASS, LEFT HINDLIMB, AS NOTED AT NECROPSY,

Testes

Interstit Cell

Adenoma

Minimal

Interstit Cell

Hyperplasia

Note: ADENOMA TGLs = 2-10

Note: HYPERPLASIA TGLs = 2-10

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 145

TRT#: 4

SEX: Male

DAY ON TEST: 493

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 146

TRT#: 4

SEX: Male

DAY ON TEST: 645

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Intestine Large - Cecum	Seminal Vesicle
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Liver		Basophilic Focus	
		Inflammation	Necrotizing, Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Diffuse, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

Note: ADENOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 147

TRT#: 4

SEX: Male

DAY ON TEST: 613

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart		Foreign Body	Marked
		Inflammation	Chronic Active, Marked
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Note: INFLAMMATION TGLs = 2-11			
Note: FOREIGN BODY TGLs = 2-11			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung	Mediastinum	Inflammation	Chronic Active, Mild
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Intermed	Cyst	
Note: ADENOMA TGLs = 3-7			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147	TRT#: 4	SEX: Male	DAY ON TEST: 613
	DOSE: 125 MG/ KG	DISP: Dosing Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Forestomach	Hyperkeratosis	Focal, Minimal
Tissue NOS	Interstit Cell	Hyperplasia	Minimal

Note: GRANULOMATOUS INFLAMMATORY PROCESS.
Note: TGL#2-TISSUE MASS, AS NOTED AT NECROPSY, IS PERICARDIAL

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: PERICARDIAL GRANULOMATOUS
Animal Note: INFLAMMATORY PROCESS WHICH WAS SECONDARY
Animal Note: TO A GAVAGE ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Intestine Large - Cecum	Intestine Large - Rectum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC	TGLs = 4-2		
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Sebaceous GI	Adenoma	
Note: ADENOMA	TGLs = 1-9		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2,3-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 149

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 3-9			
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Cyst	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Mild
Note: FIBROSIS TGLs = 2-1			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Bilateral, C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 150

TRT#: 4

SEX: Male

DAY ON TEST: 555

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mammary Gland	Mesentery
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Eye			
Note: WNL HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL-EYES CONSIDERED TO BE			
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Lung		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 150

TRT#: 4

SEX: Male

DAY ON TEST: 555

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urethra	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
Note: CATARACT TGLs = 1-10			
Heart	Coron Artery	Cardiomyopathy	Chronic, Mild
		Inflammation	Chronic Active, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-6			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Skin		Hyperkeratosis	Moderate
Note: HYPERKERATOSIS TGLs = 2-9			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151	TRT#: 4	SEX: Male	DAY ON TEST: 732
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY	TGLs = 3,4-7		Mineralization	Minimal
Note: ADENOMA	TGLs = 3-7			
Thyroid Gland		C Cell	Adenoma	
		C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 152

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Intestine Large - Rectum

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Foreign Body	Marked
		Inflammation	Chronic Active, Marked
	Atrium	Thrombosis	
Note: THROMBUS	TGLs = 5,7-10		
Note: INFLAMMATION	TGLs = 4-10		
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Note: FOREIGN BODY	TGLs = 4-10		
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Lung		Foreign Body	Moderate
	Alveolar Epith	Hyperplasia	Mild
	Mediastinum	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3,9-2+3+13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152	TRT#: 4	SEX: Male	DAY ON TEST: 732
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FOREIGN BODY	TGLs = 3,9-2+3+13		
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Lymph Node	Mediastinal	Cyst	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Minimal
Note: INFLAMMATION	TGLs = 2-9		
Spleen		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 6-1		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 8-6		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 4

SEX: Male

DAY ON TEST: 549

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Esophagus		Inflammation	Chronic Active, Marked
Heart		Cardiomyopathy	Chronic, Mild
		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 2-11		
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Minimal
Lung	Mediastinum	Inflammation	Chronic Active, Marked
		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Edema	Acute, Mild
	Mediastinal	Hemorrhage	Acute, Minimal
Note: HEMORRHAGE	TGLs = 1-2		
Note: EDEMA	TGLs = 1-2+3		
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 4-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 4

SEX: Male

DAY ON TEST: 549

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS

Note: HISTOPATHOLOGICALLY.

Note: TGL#2-TISSUE MASS, AS NOTED AT NECROPSY, IS

Note: PERICARDIAL CHRONIC-ACTIVE INFLAMMATORY PROCESS

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: CHRONIC-ACTIVE PERICARDIAL

Animal Note: TO A GAVAGE ACCIDENT.

Animal Note: AND THORACIC INFLAMMATORY PROCESS SECONDARY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 154

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-9		
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 155

TRT#: 4

SEX: Male

DAY ON TEST: 538

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	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	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Brain			
Note: BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#3-NCL-BRAIN SECTIONS CONSIDERED TO			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Necrosis	Coagulative, Moderate
Lung		Foreign Body	Mild
Lymph Node			
Note: IS GRANULOMATOUS INFLAMMATORY REACTION			
Note: TGL#2-ENLARGED MESENTERIC L N, AS NOTED AT NECROPSY,			
Note: IN MESENTERY HISTOPATHOLOGICALLY.			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-11			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 1-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 4

SEX: Male

DAY ON TEST: 538

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Inflammation

Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 156

TRT#: 4

SEX: Male

DAY ON TEST: 555

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Lung		Inflammation	Chronic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Minimal
Note: ECTASIA	TGLs = 2-11		
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA	TGLs = 1-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: PNEUMONIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 157

TRT#: 4

SEX: Male

DAY ON TEST: 695

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Brain	Coagulating Gland
Ductus Deferens	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Bone	Mammary Gland		
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Marked
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lung			
Note: LEUKEMIA MONUC	TGLs = 3-2+3		
Lymph Node	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Seminal Vesicle		Inflammation	Chronic Active, Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-11		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 4

SEX: Male

DAY ON TEST: 695

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 4-10

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158

TRT#: 4

SEX: Male

DAY ON TEST: 598

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Brain		Compression	
		Hydrocephalus	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-11		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: PITUITARY ADENOMA AND

Animal Note: RESULTANT COMPRESSION OF HYPOTHALMUS

Animal Note: AND HYDROCEPHALUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 4

SEX: Male

DAY ON TEST: 561

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Atrophy	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 4-11			
Pituitary GI			
Note: TGL#5-NST-TECHNICIAN REPORTS PITUITARY GLAND			
Note: MISSING AT TRIM.			
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen			
Note: BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#3-NCL-SPLEEN CONSIDERED TO			
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 1,2-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 4

SEX: Male

DAY ON TEST: 561

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
---------------	--------	-------------	------

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY: ATROPHIC ADRENAL GLANDS.
Animal Note: BASED ON THE GROSS DESCRIPTION OF THE PITUITARY
Animal Note: GLAND, IT WAS PROBABLY ALSO INVOLVED; HOWEVER,
Animal Note: SINCE THIS ORGAN WAS NOT PRESENT AT TRIM, WE
Animal Note: ARE UNABLE TO CONFIRM THAT A LESION EXISTED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Intestine Large - Cecum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

Note: TGL#1-THE RIGHT TESTICLE WAS SMALLER THAN THE LEFT

Note: TESTICLE BECAUSE THE ICT IN

Note: LEFT TESTICLE WAS MUCH LARGER.

Note: ADENOMA TGLs = 1,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 161

TRT#: 4

SEX: Male

DAY ON TEST: 682

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Ductus Deferens	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intest Large			
Note: IS INFLAMMED, CONGESTED AND HEMORRHAGIC			
Note: RECTAL MESENTERY AND TESTICULAR TUNIC			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#3-LESION NOTED AT NECROPSY AS FECAL OBSTRUCTION,			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Hemorrhage	Chronic, Marked
		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 3-11			
Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Hemorrhage	Chronic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 4

SEX: Male

DAY ON TEST: 682

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstitial Cell

Hyperplasia
Inflammation
Mineralization

Minimal
Chronic Active, Moderate
Minimal

Note: TGL#1-THE RIGHT TESTICLE WAS SMALLER THAN THE LEFT

Note: ADENOMA TGLs = 1,2-10

Note: TESTICLE BECAUSE THE ICT IN

Note: LEFT TESTICLE WAS LARGER.

Note: INFLAMMATION TGLs = 3-12

Note: HEMORRHAGE TGLs = 3-12

PRIMARY CAUSE OF DEATH

-

Animal Note: RECTAL MESENTERY AND TUNIC.

Animal Note: CONGESTION AND HEMORRHAGE INVOLVING RECTAL

Animal Note: MESENTERY AND TESTICULAR TUNIC.

Animal Note: CAUSE OF MORBIDITY: CHRONIC INFLAMMATION,

Animal Note: CONGESTION AND HEMORRHAGE INVOLVING

Animal Note: CAUSE OF MORBIDITY: CHRONIC INFLAMMATION,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 162

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Ductus Deferens	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Carcinoma	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-6			
Note: CARCINOMA TGLs = 5-9			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-6			
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstitial Cell	Hyperplasia	Minimal
Note: ATROPHY TGLs = 2,3-7			
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 163

TRT#: 4

SEX: Male

DAY ON TEST: 694

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Infarct	Chronic, Moderate
		Nephropathy	Chronic, Mild
	[Nephropathy TGLS = 1-11]		
Lung		Inflammation	Chronic, Mild
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: PNEUMONIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164

TRT#: 4

SEX: Male

DAY ON TEST: 557

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 3-12		
Lung		Foreign Body	Mild
		Inflammation	Chronic, Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 1-11		
Prostate		Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 4

SEX: Male

DAY ON TEST: 557

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: PROBABLE GAVAGE RELATED ACCIDENT.

Animal Note: CAUSE OF DEATH:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 165

TRT#: 4

SEX: Male

DAY ON TEST: 619

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-3		
Mammary Gland		Hyperplasia	Cystic, Moderate
Prostate		Inflammation	Chronic Active, Moderate
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-11		
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Mild
	Forestomach	Hyperplasia	Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CUTANEOUS FIBROSARCOMA.

Animal Note: CAUSE OF MORBIDITY:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	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	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Cyst	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 3-9			
Pancreas		Ectopic Tissue	
Note: ECT TISSUE IS SPLEEN			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 1,2-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BECAUSE THE ICT IN THE LEFT TESTICLE WAS LARGER.

Note: TGL#2-THE RIGHT TESTICLE

Note: WAS SMALLER THAN THE LEFT TESTICLE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 167

TRT#: 4

SEX: Male

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen			
Note: TGL#1-NCL-SPLEEN CONSIDERED			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA TGLs = 2,3-7			
Note: WAS SMALLER THAN THE RIGHT TESTICLE			
Note: BECAUSE THE ICT IN THE RIGHT TESTICLE WAS MUCH LARGER.			
Note: TGL#2-THE LEFT TESTICLE			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 168

TRT#: 4

SEX: Male

DAY ON TEST: 611

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
		Leukemia Mononuclear	
Liver			
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-2+3		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168	TRT#: 4	SEX: Male	DAY ON TEST: 611
	DOSE: 125 MG/ KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 4-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 169

TRT#: 4

SEX: Male

DAY ON TEST: 665

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Coagulating Gland	Ductus Deferens
Epididymis	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Intestine Large - Cecum	Mammary Gland	Thymus
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OBSERVATIONS

Esophagus		Inflammation	Chronic Active, Marked
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
Lung		Bacterium	Multiple
		Inflammation	Chronic, Moderate
Lymph Node			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#2-NCL-MESENTERIC L N CONSIDERED			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Minimal
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Diffuse, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ADENOMA TGLs = 1-11			
Thyroid Gland		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 169

TRT#: 4

SEX: Male

DAY ON TEST: 665

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH: NECROPURULENT INFLAMMATION

Animal Note: INVOLVING LUNGS AND CERVICAL REGION,

Animal Note: PROBABLY SECONDARY TO GAVAGE ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 175

TRT#: 4

SEX: Male

DAY ON TEST: 371

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Mesentery
Salivary Glands
Spleen
Thyroid Gland
Urinary Bladder

Adrenal Gland - Medulla
Coagulating Gland
Intestine Large - Rectum
Liver
Nose
Seminal Vesicle
Stomach - Forestomach
Tooth

Blood Vessel
Epididymis
Intestine Small - Duodenum
Lung
Pancreas
Skeletal Muscle
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Testes
Ureter

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Ileum

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Brain
Heart
Kidney
Mammary Gland
Pituitary Gland
 Note: ADENOMA TGLs = 1-7
Preputial Gland
Prostate

Pars Distalis

Compression
Cardiomyopathy
Nephropathy
Hyperplasia
Adenoma

Inflammation
Inflammation

Chronic, Mild
Chronic, Minimal
Cystic, Marked

Chronic Active, Minimal
Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PITUITARY ADENOMA AND

Animal Note: RESULTANT COMPRESSION OF HYPOTHALMUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1

TRT#: 2

SEX: Female

DAY ON TEST: 562

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Uterus		Polyp Stromal	
		Prolapse	
Note: PROLAPSE	TGLs = 1-10		
Vagina		Prolapse	
Note: PROLAPSE	TGLs = 2-11		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: UTERINE AND VAGINAL PROLAPSE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 723 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Clitoral Gland
Esophagus	Harderian Gland	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Mild
Note: PHEOCHROM BGN TGLs = 1-6			
Brain		Compression	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-6			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PITUITARY ADENOMA AND

Animal Note: AND BRAIN STEM.

Animal Note: RESULTANT COMPRESSION OF HYPOTHALMUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 683 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Note: CLEAR CL FOCUS TGLs = 2-13			
Lung	Alveolar Epith	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-12			
Pituitary Gland	Pars Distalis	Cyst	
Skin			
Note: TGL#1-SKIN MASS, LEFT AXILLA, AS NOTED AT NECROPSY, Note: IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Stomach	Forestomach	Inflammation	Chronic Active, Moderate
	Glandular	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:LARGE MAMMARY GLD FIBROADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5

TRT#: 2

SEX: Female

DAY ON TEST: 449

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Note: A PORTION OF THE COVERING EPIDERMIS IS NECROTIC.			
Note: FIBROADENOMA CONTAINS LARGE AREAS OF NECROSIS. ALSO,			
Pituitary Gland	Pars Distalis	Cyst	
Skin			
Note: TGL#1-SKIN MASS, LEFT AXILLA, AS NOTED AT NECROPSY, IS			
Note: MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: AND ASSOCIATED NECROSIS.

Animal Note: CAUSE OF MORBIDITY:MAMMARY GLD FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-6			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland			
Note: TGL#1-MASS, INVOLVING LEFT CLITORAL GLD, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD ADENOMA HISTOPATHOLOGICALLY.			
Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Note: ADENOMA	TGLs = 1-9		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-6		
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 2-6		
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8	TRT#: 2	SEX: Female	DAY ON TEST: 634
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Mild
Clitoral Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-10		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Cyst	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
[Leukemia Mononuclear TGLS = 6-1]			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Marked
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary		Cyst	
Note: CYST	TGLs = 5-10		
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 2	SEX: Female	DAY ON TEST: 634
	DOSE: 0 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: AND COMPRESSION OF HYPOTHALMUS.

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA PLUS

Animal Note: PITUITARY ADENOMA WITH RESULTANT HYDROCEPHALUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:18
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-12		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Harderian Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Brain
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Oviduct
Skeletal Muscle
Stomach - Glandular
Ureter

Blood Vessel
Clitoral Gland
Intestine Large - Cecum
Intestine Small - Ileum
Mesentery
Parathyroid Gland
Skin
Thyroid Gland
Urinary Bladder

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Spleen
Tooth

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Hepatodiaphragmatic Nodule
Inflammation

Chronic, Minimal

Chronic, Mild

Note: ANOM HEPAT LOB TGLs = 2,3-9

Lung
Mammary Gland
Pancreas
Thymus
Uterus

Acinus

Inflammation
Hyperplasia
Atrophy
Cyst
Dilatation
Polyp Stromal

Chronic, Mild
Cystic, Moderate
Mild
Moderate

Note: DILATATION TGLs = 1-7

Note: POLYP STROMAL TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:18

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Moribund

DAY ON TEST: 625

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: TGL#3-ENLARGED RIGHT CLITORAL GLD, AS NOTED AT NECROPSY,			
Note: ADENOMA TGLs = 1-11			
Note: THE EPIDERMAL SURFACE COVERING THE CLITORAL			
Note: NECROPSY, IS CYSTIC INGUINAL L N HISTOPATHOLOGICALLY.			
Note: TGL#2-CYSTIC LEFT CLITORAL GLD, AS NOTED AT			
Note: IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: GLD ADENOMA WAS ULCERATED AND INFLAMMED.			
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lymph Node	Inguinal	Cyst	
Note: CYST TGLs = 2-12			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-12			
Pituitary Gland	Pars Distalis	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 5-7			
Skin		Hyperplasia	Mild
Note: TGL#1-SKIN MASS, VENTRAL ABDOMEN, AS NOTED AT NECROPSY,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 625 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: IS CLITORAL GLD ADENOMA HISTOPATHOLOGICALLY.

Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-1			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: LARGE CLITORAL GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Diverticulum	Moderate
Note: DIVERTICULUM	TGLs = 1-7		
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-6		
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder
Vagina			

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule Inflammation	Chronic, Mild
Note: ANOM HEPAT LOB TGLs = 4-7			
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Note: CYST TGLs = 5-7			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-6			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	Multiple
Note: POLYP STROMAL TGLs = 2,3-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal GI

Note: HISTOPATHOLOGICAL EXAMINATION.

Note: ONLY ONE ADRENAL AVAILABLE FOR

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-6		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
Note: CATARACT TGLs = 1-14			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin			
Note: IS ZYMBALS GLD CARCINOMA HISTOPATHOLOGICALLY.			
Note: TGL#3-SKIN MASS, BEHIND LEFT EAR, AS NOTED AT NECROPSY,			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-1			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland
Note: CARCINOMA TGLs = 3-9

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

MISSING

Thymus

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Mild
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Dead

DAY ON TEST: 681

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-5		
Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Note: TGL#7-NCL-ATRIA CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Note: ENLARGEMENT, AS NOTED AT NECROPSY, DUE TO CONGESTION.			
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
		Leukemia Mononuclear	
Liver			
Note: LEUKEMIA MONUC	TGLs = 8-4		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2+3		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-5+7		
Note: LEUKEMIA MONUC	TGLs = 9-2		
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 2	SEX: Female	DAY ON TEST: 681
	DOSE: 0 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma
Note: ADENOMA TGLs = 2-7		
Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-1]		

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH: MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1,2-9+10			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3-6			
Skin			
Note: GLAND FIBROADENOMAS HISTOPATHOLOGICALLY.			
Note: TGL#'S 1&2-SKIN MASSES, RIGHT VENTERAL ABDOMEN AND LEFT			
Note: AXILLARY REGION, AS NOTED AT NECROPSY, ARE MAMMARY			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Note: TGL#2-NCL-MOTTLED APPEARANCE, AS NOTED AT NECROPSY, Note: PROBABLY DUE TO CONGESTION.			
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Marked
		Mineralization	Mild
Note: INFLAMMATION TGLs = 4-13			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 2

SEX: Female

DAY ON TEST: 485

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
		[Leukemia Mononuclear TGLS = 2-1]	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Salivary Glands	Acinus	Atrophy	Mild
	Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-1]	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 498

DOSE: 0 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Uterus

MISSING

Pituitary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder
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OBSERVATIONS

Esophagus Note: FOREIGN BODY LOOKS LIKE MISC DEBRIS.	Foreign Body	Moderate
Liver	Basophilic Focus	
Lung Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.	Foreign Body	Mild
Mammary Gland	Hyperplasia	Cystic, Minimal
Trachea Note: LUMEN IN THE SECTIONS WE EXAMINED HISTOPATHOLOGICALLY. Note: TGL#1-NCL-NO MATERIAL WAS PRESENT IN THE TRACHEAL		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Clitoral Gl			
Note: ONLY ONE CLITORAL GLD AVAILABLE FOR			
Note: HISTOPATHOLOGIC EXAMINATION.			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA TGLs = 1-6			
Note: HYPERPLASIA TGLs = 1-6			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-9			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3-6			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 2-10			
Note: TGL#1-SKIN MASS, RIGHT INGUINAL REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 646

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: CYST TGLs = 1-7			
Note: HYPERPLASIA TGLs = 1-7			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 646

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 2

SEX: Female

DAY ON TEST: 571

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Ovary	Oviduct	Pancreas
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-7			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 3,4-11+12			
[Leukemia Mononuclear TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 2

SEX: Female

DAY ON TEST: 580

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Brain		Compression	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Mineralization	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: WITH RESULTANT COMPRESSION OF HYPOTHALMUS.

Animal Note: CAUSE OF DEATH: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-6			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Moderate
Note: DILATATION TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
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	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 2-9			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-6			
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#2-SKIN MASS, RIGHT INGUINAL REGION, AS NOTED AT			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
	Follicular Cel	Carcinoma	

Note: CARCINOMA TGLs = 1-6

Note: CARCINOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 2

SEX: Female

DAY ON TEST: 85

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Brain		Hemorrhage	Acute, Marked
Eye		Hemorrhage	Acute, Moderate
Note: HEMORRHAGE	TGLs = 1-13		
Lung		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: ACCIDENTAL. HEMORRHAGE

Animal Note: CEREBRUM AND LEFT EYE-POSSIBLY TRAUMATIC.

Animal Note: ALSO, POSSIBLE GAVAGE RELATED INCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 642

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Mesentery
Pancreas
Skin
Thymus
Ureter

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Kidney
Nose
Parathyroid Gland
Spleen
Thyroid Gland
Urinary Bladder

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Forestomach
Tooth
Uterus

Bone
Harderian Gland
Intestine Small - Jejunum
Lymph Node - Mandibular
Oviduct
Skeletal Muscle
Stomach - Glandular
Trachea

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Ileum

OBSERVATIONS

Brain
Heart
Liver

Hemorrhage
Cardiomyopathy
Basophilic Focus
Inflammation
Hyperplasia
Hemorrhage

Acute, Marked
Chronic, Mild

Chronic, Mild
Cystic, Moderate
Acute, Marked

Mammary Gland
Pituitary Gland

Pars Distalis

Note: HEMORRHAGE TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Animal Note: PITUITARY GLAND, CEREBELLUM AND CEREBRUM.

Animal Note: CAUSE OF DEATH: HEMORRHAGE;

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 625

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	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	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:

Animal Note: MASSIVE MAMMARY GLD FIBROADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Brain		Compression	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 3-10			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: FIBROADENOMA TGLs = 1-9			
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA TGLs = 4-6			
Skin			
Note: TGL#1-SKIN MASS, RIGHT AXILLARY REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Moderate
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-9			
Pituitary Gland	Pars Distalis	Cyst	
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-9			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-6			
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, RIGHT AXILLARY REGION, AS NOTED AT			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-10]			
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Papilloma	
Uterus		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Pituitary Gland	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB	TGLs = 2-7		
Note: LEUKEMIA MONUC	TGLs = 3-4		
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Thymus		Cyst	
Uterus		Adenocarcinoma	
Note: ADENOCARC	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 2

SEX: Female

DAY ON TEST: 593

DOSE: 0 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Brain	Compression	
	Hemorrhage	Acute, Marked
Clitoral Gland	Hyperplasia	Mild
Heart	Cardiomyopathy	Chronic, Mild
Liver	Basophilic Focus	
Mammary Gland	Hyperplasia	Cystic, Moderate
Pituitary Gland	Adenoma	
Note: ADENOMA	Pars Distalis	
TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: COMPRESSION AND HEMORRHAGE OF BRAIN STEM.

Animal Note: CAUSE OF DEATH:PITUITARY ADENOMA WITH RESULTANT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Salivary Glands	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: FIBROADENOMA	TGLs = 1-11		
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-7		
Note: CYST	TGLs = 2-7		
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:

Animal Note: MASSIVE MAMMARY GLAND FIBROADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
Note: CLEAR CL FOCUS TGLs = 3-4			
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-10			
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-9			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-7			
Skin			
Note: TGL#1-SKIN MASS,LEFT AXILLARY REGION, AS NOTED AT			
Note: NECROPSY,IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 2-6		
Spleen			
Note: BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL-SPLEEN CONSIDERED TO			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex Cortex Medulla	Adenoma Hyperplasia Hyperplasia	Mild Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Infarct	Chronic, Moderate
		Nephropathy	Chronic, Minimal
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 2-9			
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 1-10			
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Mild
Skin			
Note: TGL#1-SKIN MASS, LEFT AXILLARY REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA	TGLs = 1,2-9+10		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-6		
Spleen			
Note: BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#3-NCL-SPLEEN CONSIDERED TO			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 2

SEX: Female

DAY ON TEST: 582

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Note: TGL#3-NCL-CAUSE OF PALE LIVER, AS NOTED AT NECROPSY, Note: NOT APPARENT HISTOPATHOLOGICALLY.			
Mammary Gland			
Note: MAMMARY GLD REPORTED TO BE MISSING AT TRIM.			
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Dilatation	Moderate
		Hemorrhage	Moderate
		Polyp Stromal	
Note: DILATATION TGLs = 1-10 Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:UTERINE STROMAL POLYP.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 515

DOSE: 0 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-7		
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 2

SEX: Female

DAY ON TEST: 267

DOSE: 0 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Harderian Gland	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Esophagus		Hemorrhage Inflammation	Acute, Moderate Chronic Active, Marked
Note: INFLAMMATION	TGLs = 1,2-10		
Note: HEMORRHAGE	TGLs = 1-2		
Heart		Cardiomyopathy	Chronic, Mild
Liver		Necrosis	Coagulative, Mild
Lung		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
Tissue NOS			
Note: TGL#2-MASS IN RIGHT AXILLA, AS NOTED AT NECROPSY, IS			
Note: NECROTIZING ESOPHAGITIS HISTOPATHOLOGICALLY.			
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 61

TRT#: 5

SEX: Female

DAY ON TEST: 607

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Note: EXAMINATION. THE SECOND GLAND REPORTED MISSING AT TRIM.			
Note: ONLY ONE ADRENAL AVAILABLE FOR HISTOPATHOLOGICALY			
Brain		Compression	
		Hemorrhage	Acute, Mild
		Hydrocephalus	Moderate
Note: HEMORRHAGE TGLs = 2-5			
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
Ovary			
Note: TGL#3-NCL-OVARIES CONSIDERED TO BE WNL HISTOPATHO-			
Note: AT NECROPSY, DUE TO CONGESTION.			
Note: LOGICALLY.RED COLOR,AS NOTED			
Skin			
Note: IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 5

SEX: Female

DAY ON TEST: 607

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#1-SKIN MASS, LEFT LATERAL, AS NOTED AT NECROPSY,

PRIMARY CAUSE OF DEATH -

Animal Note: HOWEVER, THIS WAS NOT SEEN HISTOPATHOLOGICALLY.

Animal Note: CAUSE OF MORBIDITY:MASSIVE MAMMARY GLD.

Animal Note: FIBROADENOMA. ALSO, COMPRESSION OF HYPOTHALMUS

Animal Note: PRESENCE OF A RELATED PITUITARY GLD NEOPLASM;

Animal Note: AND HYDROCEPHALUS. BRAIN LESIONS SUGGEST THE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 62

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
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	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Infarct	Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 1-7		
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 64

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Mesentery	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

MISSING

Liver

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Liver			
Note: LIVER REPORTED TO BE MISSING AT TRIM.			
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary		Cyst	
Note: CYST TGLs = 2-10			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA TGLs = 3-7			
Note: CYST TGLs = 3-7			
Skin		Acanthosis	Mild
		Hyperkeratosis	Mild
Note: ACANTHOSIS TGLs = 1-11			
Note: HYPERKERATOSIS TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 65

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66

TRT#: 5

SEX: Female

DAY ON TEST: 515

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Skin	Subcut Tiss	Sarcoma	

Note: PATTERN DEPENDING ON WHICH SLIDE IS BEING VIEWED.
 Note: THESE PATTERNS INCLUDE:FIBROMATOUS, NEURAL, OSTEOMATOUS,
 Note: SARCOMA TGLs = 1-11+12+13
 Note: CUTANEOUS SARCOMA SHOWS A VARIED MORPHOLOGICAL
 Note: CARTILAGENOUS, LIPOMATOUS AND MYXOMATOUS.

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CUTANEOUS SARCOMA

Animal Note: LEFT VENTRAL THORACIC REGION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Mild
Mammary Gland		Cyst	
		Hyperplasia	Cystic, Mild
[Cyst TGLS = 1-11]			
Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Minimal
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin			
Note: TGL#1-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Note: NECROPSY, IS LARGE MAMMARY GLD CYST HISTOPATHOLOGICALLY.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 68

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Hyperplasia	Moderate
Note: TGL#1-ENLARGED CLITORAL GLD,AS NOTED AT NECROPSY, IS			
Note: MAMMARY GLAND FIBROADENOMA HISTOPATHOLOGICALLY.			
[Hyperplasia TGLS = 2-11]			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Foreign Body	Mild
	Mediastinum	Inflammation	Chronic Active, Mild
		Inflammation	Chronic, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
Note: CATARACT	TGLs = 1-11		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-7		
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 5

SEX: Female

DAY ON TEST: 709

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Marked
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA	TGLs = 1-7		
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: COMPRESSION OF HYPOTHALMUS AND HYDROCEPHALUS.

Animal Note: CAUSE OF MORBIDITY:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Hyperplasia	Mild
Brain		Astrocytoma Malignant	
Clitoral Gland		Inflammation	Chronic Active, Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-2+3			
Lymph Node			
Note: TGL#2-NCL-CYST OF MESENTERIC L N			
Note: NOT APPARENT HISTOPATHOLOGICALLY.			
Mammary Gland		Hyperplasia	Cystic, Marked
Nose		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Ovary		Atrophy	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 5 DOSE: 125 MG/ KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 73

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Tooth	Trachea

MISSING

Ovary	Thymus	Urinary Bladder	Uterus
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary			
Note: OVARIES REPORTED MISSING AT TRIM.			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Urin Bladder			
Note: URINARY BLADDER REPORTED MISSING AT TRIM.			
Uterus			
Note: TGL#1-NST-UTERUS AND CERVIX REPORTED MISSING AT TRIM.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Oviduct	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Ovary		Cyst	
Note: CYST	TGLs = 2-11		
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Papilloma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 75

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
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	Mesentery	Nose
Ovary	Oviduct	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urethra	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Uterus		Hemorrhage	Moderate

Note: HEMORRHAGE TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 76

TRT#: 5

SEX: Female

DAY ON TEST: 599

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urethra	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Minimal
	Forestomach	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: OF THE HYPOTHALMUS AND HYDROCEPHALUS.

Animal Note: PITUITARY ADENOMA WITH RESULTANT COMPRESSION

Animal Note: CAUSE OF MORBIDITY:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 1-7		
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78

TRT#: 5

SEX: Female

DAY ON TEST: 533

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Skin			
Note: TGL#1-SKIN MASS, LEFT THORACIC REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: MASSIVE MAMMARY GLAND FIBROADENOMA.

Animal Note: CAUSE OF MORBIDITY:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 79

TRT#: 5

SEX: Female

DAY ON TEST: 526

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mesentery	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Skin			
Note: TGL#1-FLUID, SKIN OF VULVA, AS NOTED AT NECROPSY, IS			
Note: DUE TO CYSTIC HYPERPLASIA OF			
Note: MAMMARY GLD TISSUE IN THIS AREA.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Hyperkeratosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Mild
	Forestomach	Ulcer	Mild
Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 5

SEX: Female

DAY ON TEST: 526

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UTERINE STROMAL SARCOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 80

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-7			
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Cyst	
		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1,2-11+12			
Note: CYST TGLs = 3-13			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Cyst	
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 8-7			
Note: CYST TGLs = 7-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 5 DOSE: 125 MG/ KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Leukemia Mononuclear TGLS = 4-14]		Leukemia Mononuclear	
Stomach	Forestomach	Inflammation	Chronic Active, Moderate
Thyroid Gland Note: TO BE PRESENT AT EMBEDDING. Note: ONLY ONE THYROID GLD REPORTED	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Heart		Cardiomyopathy	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 5	SEX: Female	DAY ON TEST: 128
	DOSE: 125 MG/ KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Mammary Gland	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

OBSERVATIONS

Lung	Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.		
Ovary		
Note: DUE TO CONGESTION.		
Note: LOGICALLY.RED COLOR, AS NOTED AT NECROPSY,		
Note: TGL#1-NCL-OVARIES CONSIDERED TO BE WNL HISTOPATHO-		
Thymus	Necrosis	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 84

TRT#: 5

SEX: Female

DAY ON TEST: 541

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Inflammation	Chronic Active, Marked
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-8+9+11+12			
Note: SQUAMOUS CELL CA INVOLVES THE SKIN OF THE NOSE.			
Thyroid Gland	C Cell	Carcinoma	
Tooth			
Note: TGL#1-MASS INVOLVING THE TOOTH ON THE LEFT SIDE, AS			
Note: NOTED AT NECROPSY,IS SQUAMOUS CELL CARCINOMA			
Note: INVOLVING THE SKIN OVER THE NOSE HISTOPATHOLOGICALLY.			

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:SQUAMOUS CELL CARCINOMA

Animal Note: INVOLVING THE SKIN OF THE NOSE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85

TRT#: 5

SEX: Female

DAY ON TEST: 726

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Oviduct
Parathyroid Gland	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-4]	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Thrombosis	
		Note: LEUKEMIA MONUC TGLs = 2-2	
		Note: LEUKEMIA MONUC TGLs = 1-7	
		[Leukemia Mononuclear TGLS = 6-11]	
		[Thrombosis TGLS = 6-11]	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 5 DOSE: 125 MG/ KG	SEX: Female DISP: Moribund	DAY ON TEST: 726 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas Note: ENLARGED PANCREATIC L N HISTOPATHOLOGICALLY. Note: TGL#6-PANCREATIC MASS, AS NOTED AT NECROPSY, IS		Leukemia Mononuclear	
Pituitary Gland Pars Distalis Pars Distalis		Cyst Hyperplasia Leukemia Mononuclear	Mild
Note: CYST TGLs = 5-7			
Salivary Glands		Leukemia Mononuclear	
Spleen [Leukemia Mononuclear TGLS = 3-12]		Leukemia Mononuclear	
Thyroid Gland Follicle C Cell		Cyst Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Note: ONLY ONE ADRENAL GLD AVAILABLE			
Note: FOR HISTOPATHOLOGIC EXAMINATION.			
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 5

SEX: Female

DAY ON TEST: 615

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Harderian Gland
Islets, Pancreatic
Oviduct
Skeletal Muscle
Thyroid Gland
Uterus

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Lymph Node - Mandibular
Pancreas
Skin
Tooth

Blood Vessel
Clitoral Gland
Intestine Small - Duodenum
Mesentery
Parathyroid Gland
Spleen
Trachea

Bone
Esophagus
Intestine Small - Jejunum
Ovary
Salivary Glands
Stomach - Forestomach
Urinary Bladder

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Large - Rectum

Intestine Small - Ileum

Stomach - Glandular

OBSERVATIONS

Heart
Kidney
Liver
Lung

Cardiomyopathy
Nephropathy
Basophilic Focus
Foreign Body

Chronic, Mild
Chronic, Minimal
Mild

Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

Mammary Gland
Nose

Hyperplasia
Inflammation
Cyst

Cystic, Mild
Chronic Active, Mild

Pituitary Gland

Pars Distalis

Note: CYST TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Animal Note: ALL TISSUES EXAMINED WERE MILDLY

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED ACCIDENT.

Animal Note: TO MODERATELY AUTOLYTIC.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Hyperplasia	Marked
Note: TGL#2-NCL-LEFT CLITORAL GLD CONSIDERED			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
[Hyperplasia TGLS = 2-12]			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: CYST TGLs = 4-7			
Note: HYPERPLASIA TGLs = 4-7			
Skin			
Note: TGL#1-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89

TRT#: 5

SEX: Female

DAY ON TEST: 460

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Heart
Intestine Small - Ileum
Pancreas
Skeletal Muscle
Stomach - Glandular
Trachea

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

Blood Vessel
Clitoral Gland
Intestine Large - Rectum
Lymph Node - Mandibular
Pituitary Gland
Spleen
Thyroid Gland
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Nose
Salivary Glands
Stomach - Forestomach
Tooth
Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Jejunum

INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Inflammation
Foreign Body

Chronic, Minimal

Lung

Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

Mammary Gland
Ovary

Hyperplasia
Cyst

Chronic, Mild
Moderate

Cystic, Mild

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
Note: CLEAR CL FOCUS TGLs = 3-11			
Lung		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-12]			
Nose			
Note: NASAL SECTIONS POOR BUT BEST POSSIBLE			
Note: ACCORDING TO HISTOTECH.			
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, LEFT LATERAL ABDOMEN, AS NOTED AT			
Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Glandular, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	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	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Cardiomyopathy	Chronic, Minimal	
Liver	Basophilic Focus		
Mammary Gland	Fibroadenoma		
	Hyperplasia	Cystic, Mild	
[Fibroadenoma TGLS = 1-11]			
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 92

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Harderian Gland
Intestine Large - Rectum
Islets, Pancreatic
Oviduct
Salivary Glands
Stomach - Glandular
Ureter

Adrenal Gland - Medulla
Brain
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skeletal Muscle
Thyroid Gland
Urinary Bladder

Blood Vessel
Clitoral Gland
Intestine Large - Cecum
Intestine Small - Ileum
Mesentery
Parathyroid Gland
Skin
Tooth

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Thymus

OBSERVATIONS

Kidney
Liver

Leukemia Mononuclear
Basophilic Focus
Inflammation
Leukemia Mononuclear
Leukemia Mononuclear
Hyperplasia
Foreign Body
Inflammation

Chronic, Mild

Lung
Mammary Gland
Nose

Leukemia Mononuclear
Dilatation

Cystic, Minimal

Mild

Chronic Active, Mild

Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

Spleen
Uterus

Note: DILATATION TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-7			
Spleen			
Note: TGL#1-NCL-SPLEEN CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Marked
Note: DILATATION TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 94

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Oviduct	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Clitoral Gland

OBSERVATIONS

Clitoral Gl			
Note: CLITORAL GLDS REPORTED MISSING AT TRIM.			
Harderian Gland		Atrophy	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Ovary		Atrophy	Mild
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Skin			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROPSY,IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.

Note: TGL#1-SKIN MASS,RIGHT INGUINAL REGION, AS NOTED AT

Spleen		Leukemia Mononuclear	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 95

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	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	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Clitoral Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 2-10]			
Heart		Cardiomyopathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary			
Note: 1/2 OF ONE OVARY REPORTED MISSING AT TRIM.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 96

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Mild
Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Heart		Foreign Body	Marked
		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 1-4			
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Note: RIGHT LOBE OF LIVER REPORTED TO BE MISSING AT TRIM.			
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose		Foreign Body	Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 3-7		
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 97

TRT#: 5

SEX: Female

DAY ON TEST: 677

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Clitoral Gland		Hyperplasia	Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Moderate
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
	[Fibroadenoma TGLS = 1-11]		
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Skin			
	Note: TGL#1-SKIN MASS,RIGHT AXILLA, AS NOTED AT NECROPSY, IS		
	Note: MAMMARY GLAND FIBROADENOMA HISTOPATHOLOGICALLY.		
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Uterus		Sarcoma Stromal	
	Note: LARGE AREAS OF NECROSIS.		
	Note: UTERINE STROMAL SARCOMA CONTAINED		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 97

TRT#: 5

SEX: Female

DAY ON TEST: 677

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma Stromal TGLS = 2-10+12]

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:UTERINE STROMAL SARCOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 5

SEX: Female

DAY ON TEST: 538

DOSE: 125 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mesentery	Ovary	Oviduct	Pancreas
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Bacterium	Multiple
		Cardiomyopathy	Chronic, Mild
		Inflammation	Chronic Active, Marked
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Lung	Mediastinum	Bacterium	Multiple
		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Foreign Body	Minimal
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus			
Note: TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#2-NCL-UTERUS CONSIDERED			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 99

TRT#: 5

SEX: Female

DAY ON TEST: 544

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Skeletal Muscle	Skin
Stomach - Glandular	Tooth	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 1-11		
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Inflammation	Chronic Active, Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: INFLAMMATION	TGLs = 6-11		
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-7		
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 5 DOSE: 125 MG/ KG	SEX: Female DISP: Moribund	DAY ON TEST: 544 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach Thymus Note: ACTIVE INFLAMMATION INVOLVING SEROSA OF Note: TGL#6-THYMIC ADHESION,AS NOTED AT NECROPSY,IS CHRONIC- Note: MEDIASTINAL LYMPH NODE.	Forestomach	Inflammation	Chronic Active, Mild
Thyroid Gland Uterus Note: LEUKEMIA MONUC TGLs = 3-10 Note: POLYP STROMAL TGLs = 4-10	C Cell	Hyperplasia Leukemia Mononuclear Polyp Stromal	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TO A GAVAGE RELATED ACCIDENT.

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA AND

Animal Note: CHRONIC-ACTIVE PERICARDITIS SECONDARY

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 5

SEX: Female

DAY ON TEST: 670

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary		Cyst	
Note: CYST TGLs = 3-10			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 4-7			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 5

SEX: Female

DAY ON TEST: 670

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: 125 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Heart	Cardiomyopathy	Chronic, Minimal
Kidney	Nephropathy	Chronic, Minimal
Liver	Basophilic Focus	
	Clear Cell Focus	
[Clear Cell Focus TGLS = 1-10]		
Mammary Gland	Hyperplasia	Cystic, Mild
Uterus	Endometrium	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Minimal
Brain		Compression	
		Hydrocephalus	Mild
Clitoral Gland		Necrosis	Caseous, Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11]			
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-7			
Stomach	Forestomach	Ulcer	Mild
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Female

DAY ON TEST: 706

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Compression	
		Hemorrhage	Acute, Moderate
		Hydrocephalus	Mild
Note: HEMORRHAGE	TGLs = 3-5		
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Mild
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-7		
Spleen		Infarct	Chronic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103	TRT#: 5 DOSE: 125 MG/ KG	SEX: Female DISP: Moribund	DAY ON TEST: 706 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

Note: INFARCT TGLs = 2-11
[Leukemia Mononuclear TGLS = 1-11]

Stomach	Forestomach	Acanthosis	Focal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDDITY:MONONUCLEAR LEUKEMIA.

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Female

DAY ON TEST: 726

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Hyperplasia	Moderate
Brain		Compression	
		Hydrocephalus	Mild
Clitoral Gl			
Note: CLITORAL GLANDS REPORTED TO BE MISSING AT TRIM.			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-11]		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Skin			
Note: TGL#1-SKIN MASS, INGUINAL REGION, AS NOTED AT NECROPSY,			
Note: IS MAMMARY GLAND FIBROADENOMA HISTOPATHOLOGICALLY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 5	SEX: Female	DAY ON TEST: 726
	DOSE: 125 MG/ KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MASSIVE MAMMARY GLD FIBROADENOMA
Animal Note: AND PITUITARY ADENOMA WITH RESULTANT
Animal Note: COMPRESSION ON HYPOTHALMUS AND HYDROCEPHALUS.
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Blood Vessel

Bone

Bone Marrow

Brain

Clitoral Gland

Esophagus

Harderian Gland

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Mesentery

Ovary

Oviduct

Pancreas

Parathyroid Gland

Salivary Glands

Skeletal Muscle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Tooth

Trachea

Urinary Bladder

OBSERVATIONS

Heart

Cardiomyopathy

Chronic, Mild

Kidney

Nephropathy

Chronic, Minimal

Liver

Basophilic Focus

Inflammation

Chronic, Mild

Mammary Gland

Hyperplasia

Cystic, Mild

Nose

Foreign Body

Mild

Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

Pituitary Gland

Pars Distalis

Cyst

Thyroid Gland

C Cell

Hyperplasia

Mild

Uterus

Dilatation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Female

DAY ON TEST: 726

DOSE: 125 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Mild
Note: DILATATION	TGLs = 2-11		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5
DOSE: 125 MG/ KG

SEX: Female
DISP: Moribund

DAY ON TEST: 726
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Female

DAY ON TEST: 714

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	Ureter

MISSING

Thymus	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Coagulative, Mild
Clitoral Gland		Necrosis	Caseous, Minimal
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Leukemia Mononuclear	
Liver		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Urin Bladder			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Female

DAY ON TEST: 714

DOSE: 125 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: URINARY BLADDER REPORTED TO BE MISSING AT TRIM.

Uterus

Dilatation

Moderate

Note: DILATATION TGLs = 3-10

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

MISSING

Intestine Large - Rectum	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Brain		Hydrocephalus	Moderate
Note: HYDROCEPHALUS TGLs = 1-5			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 125 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Neoplastic Nodule	
Note: BASOPH FOCUS TGLs = 3,4-11 [Neoplastic Nodule TGLS = 2-11]			
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	Bilateral, C Cell	Adenoma	
Note: ADENOMA TGLs = 5-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 668
DOSE: 250 MG/ KG **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Histiocytic Sarcoma Pigmentation	Hemosiderin, Moderate
Note: PIGMENT TGLs = 1-5			
Note: HISTIO SARC TGLs = 1-5			
Kidney		Nephropathy	Chronic, Mild
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 6,9-4			
Lung		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 5-2+3			
Lymph Node			
Note: CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#'S 3&8-NCL-MANDIBULAR AND MESENTERIC LYMPH NODES			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 7-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 2-7			
Note: HYPERPLASIA TGLs = 2-7			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121	TRT#: 6 DOSE: 250 MG/ KG	SEX: Female DISP: Moribund	DAY ON TEST: 668 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thymus Note: BE WNL HISTOPATHOLOGICALLY. Note: TGL#4-NCL-THYMUS CONSIDERED TO	Forestomach	Hyperkeratosis	Diffuse, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: HISTIOCYTIC SARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Mineralization	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
Note: CLEAR CL FOCUS TGLs = 2-12			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-12			
Pituitary Gland	Pars Distalis	Cyst	
Skin			
Note: TGL#1-SKIN MASS,RIGHT AXILLARY REGION,AS NOTED AT			
Note: NECROPSY,IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 123

TRT#: 6

SEX: Female

DAY ON TEST: 687

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	
		Leukemia Mononuclear	
Note: CLEAR CL FOCUS TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 6
DOSE: 250 MG/ KG

SEX: Female
DISP: Moribund

DAY ON TEST: 687
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Forestomach C Cell	Hyperkeratosis Hyperplasia	Focal, Minimal Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 124

TRT#: 6

SEX: Female

DAY ON TEST: 567

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Clitoral Gland	Esophagus
Harderian Gland	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
Mesentery	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Note: TGL#3-NST-NODULE, LEFT LATERAL LOBE, AS NOTED AT Note: NECROPSY, REPORTED NOT SEEN AT TRIM.			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary			
Note: TGL#2-NCL-OVARIES CONSIDERED TO BE WNL HISTOPATHO- Note: IS DUE TO CONGESTION. Note: LOGICALLY. RED COLOR, AS NOTED AT NECROPSY,			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

Animal Note: OF HYPOTHALMUS AND HYDROCEPHALUS.

Animal Note: PITUITARY ADENOMA WITH RESULTANT COMPRESSION

Animal Note: CAUSE OF MORBIDITY:

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 15

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Mammary Gland	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

OBSERVATIONS

Lung	Foreign Body	Moderate
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Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 625

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	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	Mesentery	Nose	Ovary
Oviduct	Pancreas	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:

Animal Note: MASSIVE MAMMARY GLD FIBROADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 127

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Ovary	Oviduct	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
Note: THE FIBROADENOMA IN THE REGION OF THE RIGHT FORELEG			
Note: CONTAINED A LARGE AREA OF NECROSIS.			
[Fibroadenoma TGLS = 1,2-12+13]			
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 250 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 4-7	Pars Distalis	Adenoma	
Spleen [Leukemia Mononuclear TGLS = 3-11]		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	Bilateral, C Cell C Cell	Adenoma Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 250 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Stomach	Forestomach	Acanthosis	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 554

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum
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OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Heart		Foreign Body	Moderate
		Inflammation	Chronic Active, Marked
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Note: INFLAMMATION TGLs = 3-13			
Liver		Basophilic Focus	
Lung	Mediastinum	Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 4-2+3			
Lymph Node	Mesenteric	Hemorrhage	Acute, Moderate
Note: HEMORRHAGE TGLs = 2-11			
Pancreas	Acinus	Atrophy	Mild
Skin		Edema	Mild
Note: EDEMA TGLs = 1-12			
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 554

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 4-11]			
Ovary		Atrophy	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: ADENOMA	TGLs = 1-7		
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#4-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Diffuse, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Mild

Uterus

Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
	[Fibroadenoma TGLS = 1-11]		
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Note: HYPERPLASIA TGLs = 2-7		
Skin			
	Note: TGL#1-SKIN MASS, INGUINAL REGION, AS NOTED AT NECROPSY,		
	Note: IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Tooth	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Coagulative, Moderate
Kidney		Leukemia Mononuclear	
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 4-12]	
		[Leukemia Mononuclear TGLS = 3-4+12]	
Lung		Leukemia Mononuclear	
		Note: LEUKEMIA MONUC TGLs = 6-2+3	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
		Note: LEUKEMIA MONUC TGLs = 5-2	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
		Note: CYST TGLs = 1-7	
Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-11]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 6
DOSE: 250 MG/ KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 515

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Coagulative, Moderate
Blood Vessel		Inflammation	Chronic Active, Moderate
Esophagus		Hemorrhage	Acute, Moderate
		Inflammation	Chronic Active, Moderate
		Perforation	
Heart		Cardiomyopathy	Chronic, Mild
Note: LOGICAL EXAMINATION WAS CONSIDERED TO BE WHL. ENLARGE- Note: MENT,AS NOTED AT NECROPSY, PROBABLY DUE TO CONGESTION. Note: TGL#3-NCL-THE SINGLE ATRIUM AVAILABLE FOR HISTOPATHO-			
Kidney		Nephropathy	Chronic, Minimal
Liver		Inflammation	Chronic, Mild
Lung		Bacterium	
		Foreign Body	Mild
	Mediastinum	Hemorrhage	Acute, Marked
	Pleura	Hyperplasia	Moderate
	Mediastinum	Inflammation	Chronic Active, Marked
		Inflammation	Chronic, Minimal
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Acanthosis	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 6
DOSE: 250 MG/ KG

SEX: Female
DISP: Dosing Accident

DAY ON TEST: 515
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Forestomach	Hyperkeratosis Foreign Body Hemorrhage Inflammation	Diffuse, Minimal Mild Acute, Moderate Chronic Active, Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 134

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Stomach - Glandular	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Medulla	Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
Heart		Cardiomyopathy	Chronic, Mild
Kidney			
Note: MALIGNANT GRANULOSA THECA CELL TUMOR OF OVARY			
Note: TGL#2-ENLARGED RIGHT KIDNEY,AS NOTED AT NECROPSY, IS			
Note: HISTOPATHOLOGICALLY. TUMOR HAD COMPLETELY ENVELOPED			
Note: THE RIGHT KIDNEY, BUT DID NOT INVOLVE IT.			
Note: A SECTION OF KIDNEY WAS ORIGINALLY			
Note: PRESENT ON SLIDE #13, BUT IT WAS			
Note: LOST DURING PROCESSING.			
Liver		Basophilic Focus	
Lung		Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
Note: GRAN THECA MAL TGLs = 1-2+3			
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Granulosa-Theca Tumor Benign	
		Granulosa-Theca Tumor Malignant	
Note: GRAN THECA BGN TGLs = 4-10			
Note: GRAN THECA MAL TGLs = 2,3-12+13			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134	TRT#: 6 DOSE: 250 MG/ KG	SEX: Female DISP: Moribund	DAY ON TEST: 668 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: GRAN THECA MAL TGLs = 5-11		Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Diffuse, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THECA CELL TUMOR WITH METASTASES.

Animal Note: CAUSE OF MORBIDITY:MALIGNANT GRANULOSA

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 135

TRT#: 6

SEX: Female

DAY ON TEST: 523

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Intest Large			
Note: HISTOPATHOLOGICALLY. RED COLOR, AS NOTED AT NECROPSY,			
Note: DUE TO CONGESTION.			
Note: TGL#6-NCL-LARGE INTESTINE CONSIDERED TO BE WNL			
Intest Small			
Note: TGL#5-NCL-SMALL INTESTINE CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY. RED COLOR, AS NOTED AT NECROPSY,			
Note: DUE TO CONGESTION.			
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-2			
Note: LEUKEMIA MONUC TGLs = 1-7			
Note: LEUKEMIA MONUC TGLs = 4-11			
Mammary Gland		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135	TRT#: 6	SEX: Female	DAY ON TEST: 523
	DOSE: 250 MG/ KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-10		
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 557

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Uterus		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Urinary Bladder			

OBSERVATIONS

Heart		Foreign Body Inflammation	Marked Chronic Active, Marked
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Note: INFLAMMATION TGLs = 2-4			
Lung	Mediastinum Mediastinum	Foreign Body Inflammation	Marked Chronic Active, Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Lymph Node	Lymphocyte, Mediastinal	Necrosis	Acute, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach Forestomach	Acanthosis Hyperkeratosis	Focal, Mild Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
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	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Heart		Cardiomyopathy	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-11+12]			
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 138

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Oviduct	Pancreas	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Note: CYST	TGLs = 1-10		
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-7		
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 730
DOSE: 250 MG/ KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140	TRT#: 6	SEX: Female	DAY ON TEST: 597
	DOSE: 250 MG/ KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 1-7			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH: UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141	TRT#: 6	SEX: Female	DAY ON TEST: 538
	DOSE: 250 MG/ KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Heart
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Nose	Ovary	Oviduct	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder	

OBSERVATIONS

Esophagus		Inflammation	Chronic Active, Mild
Harderian Gland		Inflammation	Chronic Active, Marked
Intestine Large	Colon	Parasite Metazoan	
Kidney			
Note: TGL#2-NCL-SOFT CONSISTENCY, AS NOTED AT NECROPSY, Note: DUE TO AUTOLYSIS.			
Liver			
Note: DUE TO AUTOLYSIS. Note: TGL#3-NCL-SOFT CONSISTENCY, AS NOTED AT NECROPSY,			
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Diffuse, Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 141

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 250 MG/ KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH: UNDETERMINED; POSSIBLE GAVAGE

Animal Note: ALL TISSUES EXAMINED HISTOPATHOLOGICALLY WERE

Animal Note: MILDLY TO MODEERATELY AUTOLYTIC.

Animal Note: RELATED ACCIDENT, BUT UNABLE TO PROVE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 142

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Eye			
Note: WNL HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL-EYE CONSIDERED TO BE			
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Basal Cell Carcinoma	Metastatic (Skin)
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 4-13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Skin		Basal Cell Carcinoma	
Note: WAS SEVERELY ULCERATED AND INFLAMMED.			
Note: EPIDERMAL SURFACE OVER BASAL CELL CARCINOMA			
Note: BASAL CEL CARC TGLs = 2-12			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142	TRT#: 6 DOSE: 250 MG/ KG	SEX: Female DISP: Moribund	DAY ON TEST: 668 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Acanthosis	Focal, Moderate
	Forestomach	Hyperkeratosis	Focal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 143

TRT#: 6

DOSE: 250 MG/ KG

SEX: Female

DISP: Moribund

DAY ON TEST: 547

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Diffuse, Minimal
Uterus		Diverticulum	Marked
		Inflammation	Chronic Active, Moderate
Note: DIVERTICULUM TGLs = 3-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: MONONUCLEAR LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 604

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Brain		Compression	
		Hemorrhage	Acute, Moderate
		Hydrocephalus	Mild
Clitoral Gl			
Note: ONLY ONE CLITORAL GLD FOUND AT TRIM. THE OTHER GLD			
Note: WAS INVOLVED IN THE MAMMARY GLD MASS.			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic, Minimal
		Inflammation	Necrotizing, Minimal
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Mild
[Adenoma TGLS = 2-11]			
Ovary			
Note: LOGICALLY. RED COLOR,AS NOTED AT NECROPSY,			
Note: IS DUE TO CONGESTION.			
Note: TGL#3-NCL-OVARIES CONSIDERED TO BE WNL HISTOPATHO-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144	TRT#: 6	SEX: Female	DAY ON TEST: 604
	DOSE: 250 MG/ KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Skin			
Note: TGL#2-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Mild
Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal
Note: CARCINOMA	TGLs = 4-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLAND ADENOMA WITH
Animal Note: RESULTANT HYDROCEPHALUS, COMPRESSION OF THE
Animal Note: HYPOTHALMUS AND VENTRICULAR HEMORRHAGE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Salivary Glands	Skeletal Muscle	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Infarct	Chronic, Mild
		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Neoplastic Nodule	
[Neoplastic Nodule TGLS = 4-11]			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA TGLs = 3-13			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 2-7			
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 1-12			
Note: TGL#3-SKIN MASS, LEFT INGUINAL REGION, AS NOTED AT			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 6
DOSE: 250 MG/ KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 146

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	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	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Moderate
Clitoral Gl			
Note: CLITORAL GLDS REPORTED TO BE MISSING AT TRIM.			
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 1-11]			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-7			
Skin			
Note: IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 250 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#1-SKIN MASS, VENTRAL ABDOMEN, AS NOTED AT NECROPSY,

Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Minimal
Thymus		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 256

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Mammary Gland	Mesentery	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Liver		Basophilic Focus	
Lung		Foreign Body	Mild
Note: ENGORGEMENT OF PULMONARY VESSELS WITH BLOOD.			
Note: TGL#1-NCL-RED COLOR, AS NOTED AT NECROPSY, DUE TO			
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Stomach	Forestomach	Acanthosis	Diffuse, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 149

TRT#: 6

SEX: Female

DAY ON TEST: 544

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Fibrosis	Moderate
Heart		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 2,3-11		
Liver		Basophilic Focus	
Lung	Mediastinum	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic, Marked
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 1-2		
Note: HYPERPLASIA	TGLs = 1-2		
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Diffuse, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: SECONDARY TO GAVAGE RELATED ACCIDENT.

Animal Note: CAUSE OF MORBIDITY: CHRONIC PERICARDITIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Compression	
		Hemorrhage	Acute, Mild
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 1-11]		
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 152

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	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
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Dilatation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-7		
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperplasia	Focal, Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11]			
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 2-7			
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 155

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Inflammation	Chronic, Mild
Lymph Node			
Note: TGL#1-ENLARGED MEDIASTINAL L N, AS NOTED AT NECROPSY,			
Note: IS HYPERPLASTIC THYMUS GLAND HISTOPATHOLOGICALLY.			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-7			
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Thymus		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 156

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Bacterium	Multiple
		Cardiomyopathy	Chronic, Mild
		Inflammation	Chronic Active, Marked
Lung	Mediastinum	Bacterium	Multiple
	Mediastinum	Hemorrhage	Acute, Marked
	Mediastinum	Inflammation	Chronic Active, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 2-7		
Stomach	Forestomach	Acanthosis	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:NECROTIZING PERICARDITIS

Animal Note: SECONDARY TO GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
Note: CATARACT	TGLs = 1-12		
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
Note: ANOM HEPAT LOB	TGLs = 3-13		
Lymph Node			
Note: MANDIBULAR L N REPORTED TO BE MISSING AT TRIM.			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA	TGLs = 2-11		
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: CYST	TGLs = 4-7		
Saliv Glands			
Note: SALIVARY GLAND REPORTED TO BE MISSING AT TRIM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin

Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.

Note: TGL#2-SKIN MASS, RIGHT INGUINAL REGION, AS NOTED AT

Stomach

Forestomach

Acanthosis

Focal, Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 1-4			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
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	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Fore stomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder			

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Clitoral GI			
Note: CLITORAL GLANDS NOT FOUND AT TRIM.			
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
Note: ANOM HEPAT LOB TGLs = 2-13			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11+12			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Mesentery	Ovary	Oviduct	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Coagulative, Moderate
Esophagus		Inflammation	Chronic Active, Moderate
Heart		Cardiomyopathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung	Mediastinum	Inflammation	Chronic Active, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Stomach	Forestomach	Acanthosis	Focal, Minimal
	Forestomach	Hyperkeratosis	Focal, Minimal
Thyroid Gland		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: PROBABLE GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 161

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Moderate
Clitoral Gland		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 4-7			
Spleen		Hyperplasia	Lymphoid, Marked
		Hyperplasia	Reticulum Cell, Marked
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 2,3-1+11			
Note: HYPERPLASIA TGLs = 2,3-1+11			
[Leukemia Mononuclear TGLS = 1-1+11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Leukemia Mononuclear Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Minimal
Liver		Basophilic Focus Leukemia Mononuclear	
Lung	Mediastinum Mediastinum	Hemorrhage Inflammation Inflammation	Acute, Moderate Chronic Active, Moderate Chronic, Minimal
Mammary Gland		Leukemia Mononuclear Fibroadenoma Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-11]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin			
Note: MAMMARY GLAND FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, THORAX, AS NOTED AT NECROPSY, IS			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 607

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-11			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-7			
Skin			
Note: NECROPSY, IS MAMMARY GLD FIBROADENOMA HISTOPATHOLOGICALLY.			
Note: TGL#1-SKIN MASS, LEFT VENTRAL REGION, AS NOTED AT,			
Stomach	Forestomach	Acanthosis	Focal, Mild
	Forestomach	Hyperkeratosis	Focal, Mild
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 607

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel

Carcinoma

Note: CARCINOMA TGLs = 3-7

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:MASSIVE MAMMARY GLAND

Animal Note: FIBROADENOMA; THYROID FOLLICULAR CELL CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Cyst	
		Nephropathy	Chronic, Minimal
	[Nephropathy TGLS = 4-1]		
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1,2-11+12]		
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
	Note: HYPERPLASIA TGLs = 3-7		
Skin			
	Note: TGL#'S 1&2-SKIN MASSES, LEFT AND RIGHT AXILLARY		
	Note: REGIONS, AS NOTED AT NECROPSY, ARE MAMMARY		
	Note: GLAND FIBROADENOMAS HISTOPATHOLOGICALLY.		
Stomach	Forestomach	Acanthosis	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 250 MG/ KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Squamous Cell Papilloma

Multiple

Note: PAPILLOMA SQUA TGLs = 5,6-13

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 250 MG/ KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

MISSING

Intestine Large - Rectum

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Acanthosis	Focal, Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 6

DOSE: 250 MG/ KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Cecum	Concretion	Marked
	Cecum	Inflammation	Chronic Active, Moderate
	Rectum	Parasite Metazoan	
Note: CECAL CONCRETION IS FELT TO BE A FECALITH.			
Note: CONCRETION TGLs = 2-11			
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose		Foreign Body	Mild
		Inflammation	Chronic Active, Mild
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-10			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: CYST TGLs = 3-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:19
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 6
DOSE: 250 MG/ KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Acanthosis	Diffuse, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus			

Note: A CONCRETION HISTOPATHOLOGICALLY.

Note: TGL#2-MASS, LEFT UTERINE HORN, AS NOTED AT NECROPSY,

Note: IS ENLARGED CECUM CONTAINING

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:19

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 297

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Blood Vessel

Bone

Bone Marrow

Brain

Clitoral Gland

Esophagus

Harderian Gland

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Lymph Node - Mandibular

Mammary Gland

Mesentery

Nose

Ovary

Pancreas

Pituitary Gland

Salivary Glands

Skeletal Muscle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Tooth

Trachea

Ureter

Urinary Bladder

Uterus

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Oviduct

OBSERVATIONS

Heart

Cardiomyopathy

Chronic, Mild

Liver

Basophilic Focus

Lung

Inflammation

Chronic, Minimal

Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.

Foreign Body

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 175

TRT#: 6

SEX: Female

DAY ON TEST: 205

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Esophagus			
Note: RUPTURED ESOPHAGUS, AS REPORTED AT NECROPSY, Note: WAS NOT DEMONSTRATED HISTOPATHOLOGICALLY.			
Heart		Inflammation	Chronic Active, Mild
Lung		Foreign Body	Mild
		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 1,2-3 Note: UNIDENTIFIABLE DEBRIS. Note: FOREIGN BODY IS HAIR AND OTHER			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Marked
Stomach	Forestomach	Hyperkeratosis	Focal, Minimal
Thyroid Gland		Hemorrhage	Chronic, Marked
		Inflammation	Chronic Active, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: SECONDARY TO A GAVAGE RELATED ACCIDENT.

Animal Note: CAUSE OF MORBIDITY:

Animal Note: CHRONIC-ACTIVE BRONCHOPNEUMONIA AND THYROIDITIS.

Animal Note: ALL PROBABLY DUE TO RUPTURED ESOPHAGUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 6

SEX: Female

DAY ON TEST: 257

DOSE: 250 MG/ KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Lung	Foreign Body	Moderate
Note: FOREIGN BODY IS RESIDUAL CORN OIL MATERIAL.		
Stomach	Forestomach	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: GAVAGE RELATED ACCIDENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethoxane

CAS Number: 828-00-2

Date Report Requested: 10/16/2014

Time Report Requested: 03:43:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180

TRT#: 6

SEX: Female

DAY ON TEST: 388

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Coagulative, Mild
Eye			
Note: BE WNL HISTOPATHOLOGICALLY.			
Note: TGL#1-EYE WAS CONSIDERED TO			
Heart		Cardiomyopathy	Chronic, Mild
Intest Large			
Note: TGL#3-RECTAL MASS, AS NOTED AT NECROPSY, IS			
Note: VAGINAL POLYP HISTOPATHOLOGICALLY.			
Mammary Gland		Hyperplasia	Cystic, Mild
Stomach	Forestomach	Acanthosis	Diffuse, Minimal
	Forestomach	Hyperkeratosis	Diffuse, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-10			
Vagina		Inflammation	Chronic Active, Moderate
		Polyp	
Note: POLYP TGLs = 3-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05038-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethoxane
CAS Number: 828-00-2

Date Report Requested: 10/16/2014
Time Report Requested: 03:43:20
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 6

SEX: Female

DAY ON TEST: 388

DOSE: 250 MG/ KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: INFLAMMATION AND VAGINAL POLYP.

Animal Note: CAUSE OF MORBIDITY:CERVICAL AND VAGINAL

**** END OF REPORT ****