

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

C Number: C62453B
Lock Date: 05/12/1994
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 07/23/1996

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 698 HISTO: 9302641
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-13]			
* Stomach, Forestomach		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 9302642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-4]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 4-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 9302643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Granulomatous, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 690 HISTO: 9302644
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Marked
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-13]			
* Nose		Inflammation	Suppurative, Moderate
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9302645
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Nose		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 1-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 537 HISTO: 9302646
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Hemorrhage	Mild
	Transit Epithe	Hyperplasia	Mild
[Hemorrhage TGLS = 2-6]			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 571
	DOSE: 0 PPM	DISP: Moribund Sacrifice	HISTO: 9302647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Hyperostosis	Mild
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Moderate
* Kidney		Infarct	Mild
		Nephropathy	Minimal
	[Infarct TGLS = 4-12]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-2]		
* Nose		Inflammation	Suppurative, Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Fibrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 716 HISTO: 9302648
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-5]			
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Ulcer	Moderate
* Intestine Small, Ileum		Ulcer	Moderate
[Ulcer TGLS = 12-12]			
* Intestine Small, Jejunum		Leiomyosarcoma	
* Kidney		Amyloid Deposition	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Lipofuscin, Mild
[Pigmentation TGLS = 5-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2]			
Mesentery		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
	Fat	Necrosis	Moderate
[Necrosis TGLS = 10-6+12]			
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 716
	DOSE: 0 PPM	DISP: Moribund Sacrifice	HISTO: 9302648

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-10]			
* Spleen		Leukemia Mononuclear Necrosis	Moderate
[Leukemia Mononuclear TGLS = 4-12]			
[Necrosis TGLS = 6-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
Tooth		Odontoma	
[Odontoma TGLS = 1,2-13+14]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 690 HISTO: 9302649
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Minimal
	Atrium	Thrombosis	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-4]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 2-13]		
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland	Bilateral	Adenoma	
	[Adenoma TGLS = 3,4-14]		
* Skin	Hair Follicle	Cyst	Mild
	[Cyst TGLS = 1-12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-1]		
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 5-10]		
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 690

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302649

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
	Atrium	Thrombosis	Mild
	[Thrombosis TGLS = 11-4]		
* Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
	[Adenoma TGLS = 9-1+13]		
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,8,10-13+14+15]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-5]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-12]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 12-12]		
* Seminal Vesicle		Inflammation	Chronic, Mild
	[Inflammation TGLS = 6-10]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-15]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 723
	DOSE: 0 PPM	DISP: Moribund Sacrifice	HISTO: 9302650

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
		Ulcer	Marked
[Ulcer TGLS = 13-15]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
* Lung	Interstitial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 8-11]			
* Heart	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
Mesentery			
Note: IMPOSSIBLE TO CODE MESOTHELIOMA IN THE MESENTERY IN THE NOMENCLATURE SYSTEM			
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4,5,10-6+12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Sebaceous GI	Adenoma	
		Keratoacanthoma	
[Adenoma TGLS = 1-12]			
[Keratoacanthoma TGLS = 2-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 9-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
[Adenoma TGLS = 6-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302652

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 7-10]

* Thyroid Gland

C Cell

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

- Peritoneum Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Nose		Inflammation	Suppurative, Mild
* Skin		Fibroma	
[Fibroma TGLS = 2-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Inflammation	Granulomatous, Minimal
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 9302655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-6]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-13]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 698

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
[Nephropathy TGLS = 6-1]		Nephropathy	Moderate
* Liver		Basophilic Focus	
[Leukemia Mononuclear TGLS = 5-4]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 698

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302656

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 681

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2+3]			
Lymph Node	Mediastinal, Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6-2+12+13]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Erosion	Moderate
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Preputial Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
	Atrium	Thrombosis	Marked
	[Thrombosis TGLS = 5-4]		
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Mild
	[Cyst TGLS = 3-1]		
* Liver	Centrilobular	Degeneration	Cystic, Minimal
		Necrosis	Moderate
	[Necrosis TGLS = 2-4]		
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 4-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLS = 6-12]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302658

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 491

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel	Aorta	Thrombosis	Marked
[Thrombosis TGLS = 2-12]			
* Kidney		Nephropathy	Minimal
* Lung		Fibrosarcoma	Metastatic (Skin)
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-13]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-7]			
Eye	Lens	Cataract	Moderate
[Cataract TGLS = 1-12]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 695

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Degeneration	Mild
	Atrium	Thrombosis	Marked
	[Thrombosis TGLS = 5-4]		
* Islets, Pancreatic		Carcinoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-12]		
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 695
	DOSE: 0 PPM	DISP: Moribund Sacrifice	HISTO: 9302661

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel C Cell	Carcinoma Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 621

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicle	Cyst	Minimal
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 696

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
[Necrosis TGLS = 6-14]			
* Lung		Schwannoma Malignant	Metastatic (Skin)
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-12]			
* Spleen		Fibroma	
		Leukemia Mononuclear	
[Fibroma TGLS = 4-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 1-13]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 498

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
* Pituitary Gland		Cyst	Mild
[Cyst TGLS = 5-7]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach		Hyperplasia	Mild
		Leukemia Mononuclear	
* Stomach, Glandular		Ulcer	Moderate
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 519

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain	Hypothalamus	Degeneration	Marked
		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular		Erosion	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Moderate
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 4-4]	
		[Leukemia Mononuclear TGLS = 3-4]	
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
		[Fibrosis TGLS = 5-12]	
		[Leukemia Mononuclear TGLS = 2-1]	
* Stomach, Forestomach		Ulcer	Mild
		[Ulcer TGLS = 6-12]	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302668

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]

* Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 517

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Marked
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 4-7]		
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Stomach, Forestomach		Ulcer	Minimal
* Stomach, Glandular		Erosion	Mild
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 471

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Fatty, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Marked
[Ulcer TGLS = 3-12]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 608
	DOSE: 0 PPM	DISP: Natural Death	HISTO: 9302671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-12]		
* Seminal Vesicle		Cyst	Moderate
	Note: WOULD PREFER TO CALL THE SEMINAL VESICLES DILATED, BUT THIS TERM IS NOT ON THE MENU.		
	[Cyst TGLS = 3-10]		
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 2-10]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 480

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------|------------|----------------------|---------|
| * Heart | Myocardium | Degeneration | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Skin | | Schwannoma Malignant | |

[Schwannoma Malignant TGLS = 1-12]

PRIMARY CAUSE OF DEATH

- Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney [Nephropathy TGLS = 3-1]		Nephropathy	Moderate
* Liver		Basophilic Focus	
* Preputial Gland [Inflammation TGLS = 1-10]		Inflammation	Suppurative, Moderate
* Testes [Adenoma TGLS = 2-10]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis Basophilic Focus Leukemia Mononuclear	Moderate
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 554

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-2+3]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Thrombosis	Moderate
	[Thrombosis TGLS = 3-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 698

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Eosinophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 5-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Moderate
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 4-6+12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302679

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 695

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Hyperostosis	Mild
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Glandular		Erosion	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 601

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
	Atrium	Thrombosis	Marked
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Moderate
	[Necrosis TGLS = 2-4]		
* Lung	Interstitial	Inflammation	Acute, Minimal
	Vein	Thrombosis	Mild
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 1-12]		
* Spleen		Fibrosis	Minimal
	[Fibrosis TGLS = 3-1]	Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 4-10]		

PRIMARY CAUSE OF DEATH

- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 5-1]		
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
	[Eosinophilic Focus TGLS = 4-4]		
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 541

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Necrosis	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 585

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Necrosis	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye	Lens	Cataract	Moderate
[Cataract TGLS = 2-14]			
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 7-4+14]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-14]			
* Skin	Epidermis	Cyst	Moderate
[Cyst TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1+13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain	Medulla	Gliosis	Focal, Moderate
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-7]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 6-12]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin		Fibroma	
[Fibroma TGLS = 7-12]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-1]		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302686

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 1-10]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Pancreas	Acinus	Adenoma	Mixed Cell
	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 3-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 592

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Mild
[Necrosis TGLS = 4-4]			
* Lung	Interstitial	Inflammation	Chronic, Focal, Mild
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-12]			
* Preputial Gland		Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Peritoneum Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 6-1]			
* Liver	Centrilobular	Degeneration	Moderate
[Degeneration TGLS = 5-4]			
* Lung	Interstitial	Inflammation	Chronic, Mild
[Inflammation TGLS = 7-2+3]			
* Parathyroid Gland		Hyperplasia	Mild
* Skin		Fibroma	
		Keratoacanthoma	
		Sarcoma	
[Keratoacanthoma TGLS = 1-13]			
[Sarcoma TGLS = 2,3-12+14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 684

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 651

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
		Schwannoma Malignant	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver	Centrilobular	Mixed Cell Focus	
		Necrosis	Moderate
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen	Red Pulp	Congestion	Mild
[Congestion TGLS = 4-1]			
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular		Mineralization	Mild
		Ulcer	Mild
[Ulcer TGLS = 6-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Heart Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 386

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Heart

* Intestine Small, Duodenum

* Kidney

* Lymph Node, Mesenteric

* Pituitary Gland

* Seminal Vesicle

* Stomach, Glandular

* Urinary Bladder

* Adrenal Medulla

* Brain

* Intestine Large, Cecum

* Intestine Small, Ileum

* Liver

* Mammary Gland

* Preputial Gland

* Skin

* Thymus

Blood Vessel

* Epididymis

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lung

* Pancreas

* Prostate

* Spleen

* Thyroid Gland

* Bone

* Esophagus

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mandibular

* Parathyroid Gland

* Salivary Glands

* Stomach, Forestomach

* Trachea

OBSERVATIONS

* Nose

Inflammation

Suppurative, Moderate

* Testes

Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 481

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Nose		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 536

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Cyst	Moderate
		Leukemia Mononuclear	
		Nephropathy	Mild
[Cyst TGLS = 4-1]			
[Nephropathy TGLS = 5-1]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 557

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Preputial Gland		Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Moderate
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-12+13]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|--------------------------|--|----------------------|---------|
| * Brain | | Leukemia Mononuclear | |
| * Heart | Myocardium | Degeneration | Minimal |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | [Leukemia Mononuclear TGLS = 4,5-14] | | |
| * Liver | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 3,14-4] | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Lumbar, Mediastinal, Renal | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 7,8,10-2+13+15] | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 11-17] | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 9-16] | | |
| * Parathyroid Gland | | Hyperplasia | Minimal |
| | [Hyperplasia TGLS = 13-7] | | |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 12-10] | | |
| * Skin | | Keratoacanthoma | |
| | [Keratoacanthoma TGLS = 1-12] | | |
| * Spleen | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 6-12] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 3 DOSE: 625 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 714 HISTO: 9303146
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Ulcer TGLS = 15-6+13]	Epithelium	Hyperplasia Inflammation Ulcer	Mild Chronic Active, Mild Moderate
* Testes [Adenoma TGLS = 2-10]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 426

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 5-13]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-13]		
Mesentery		Necrosis	Acute, Focal, Moderate
	[Necrosis TGLS = 3-15]		
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1,2-1+12]		
* Stomach, Glandular		Ulcer	Minimal
	[Ulcer TGLS = 6-14]		
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 426

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303147

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 620

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-12]		
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 1-13]		
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLS = 2-14]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-1]		
* Stomach, Forestomach		Erosion	Mild
		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 614

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
* Lung		Inflammation	Granulomatous, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Ulcer	Marked
[Ulcer TGLS = 5-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 3-12]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 473

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Lymph Node, Mandibular
* Pituitary Gland
* Seminal Vesicle
* Thyroid Gland

* Adrenal Medulla
* Brain
* Kidney
* Lymph Node, Mesenteric
* Preputial Gland
* Skin
* Trachea

Blood Vessel
* Epididymis
* Liver
* Nose
* Prostate
* Spleen
* Urinary Bladder

* Bone
* Esophagus
* Lung
* Parathyroid Gland
* Salivary Glands
* Thymus

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Ileum
* Stomach, Forestomach

* Intestine Large, Colon
* Intestine Small, Jejunum
* Stomach, Glandular

* Intestine Large, Rectum
* Islets, Pancreatic

* Intestine Small, Duodenum
* Pancreas

OBSERVATIONS

* Testes
[Adenoma TGLS = 1-10]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7]			
* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Clear Cell Focus TGLS = 5,8-4+13]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 7-7]			
* Seminal Vesicle		Fibrosis	Minimal
[Fibrosis TGLS = 6-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 523

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland		Adenoma	
[Adenoma TGLS = 4-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 466

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------|--------------------------|-------------------|-------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Kidney | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- | | | | |
|-------------------------------------|----------------|----------------------|----------|
| * Heart | Myocardium | Degeneration | Moderate |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 3-6] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-1] | | | |
| * Testes | Interstit Cell | Adenoma | |
| [Adenoma TGLS = 2-10] | | | |

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 589

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland		

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 4-12]			
* Stomach, Glandular		Erosion	Mild
		Ulcer	Mild
[Ulcer TGLS = 4-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 4-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Moderate
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-12]		
* Stomach, Forestomach		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 448

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Liver	Centrilobular	Basophilic Focus	
		Congestion	Moderate
		Degeneration	Cystic, Mild
[Congestion TGLS = 1-4]			
Mesentery	Fat	Necrosis	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thymus		Thymoma Malignant	
[Thymoma Malignant TGLS = 2-12+13]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Thymus Thymoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
[Leukemia Mononuclear TGLS = 6-12]		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 712

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-12]	Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-14]		
Lymph Node	Pancreatic, Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6,8-6+12]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-13]		
* Prostate		Inflammation	Suppurative, Moderate
* Seminal Vesicle		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-1]		
* Stomach, Forestomach		Ulcer	Minimal
* Stomach, Glandular		Erosion	Minimal
		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 712

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303159

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-14]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 2-1]		
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 7-13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-12]		
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 5-7]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 1-14]		
* Spleen		Histiocytic Sarcoma	
		Leukemia Mononuclear	
	[Histiocytic Sarcoma TGLS = 4-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 9303160

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 3-10]	Bilateral, Interstit Cell	Ulcer Adenoma	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 585

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 7203161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Small, Duodenum		Erosion	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]	Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar, Mediastinal, Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6,7,8-12+13+14]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-6]		
* Preputial Gland		Adenoma	
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild
	[Leukemia Mononuclear TGLS = 1-1]		
	[Necrosis TGLS = 4-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thymus		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 9-2]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 585

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 7203161

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 5-13]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 550

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Epididymis	* Thymus
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OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach		Ulcer	Marked
	[Ulcer TGLS = 4-6]		
* Stomach, Glandular		Erosion	Mild
	[Ulcer TGLS = 4-6]	Ulcer	Mild
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 634

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Moderate
Eye		Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart	Myocardium	Degeneration	Moderate
	Myocardium	Mineralization	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Lung	Interstitial	Mineralization	Mild
* Pancreas	Artery	Inflammation	Granulomatous, Moderate
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Glandular		Mineralization	Moderate
[Mineralization TGLS = 3-12]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 578
	DOSE: 625 PPM	DISP: Moribund Sacrifice	HISTO: 9303164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye [Cataract TGLS = 1-14]	Lens	Cataract	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node [Leukemia Mononuclear TGLS = 4-12]	Pancreatic	Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland [Adenoma TGLS = 5-7]	Pars Distalis	Adenoma	
* Spleen [Leukemia Mononuclear TGLS = 2-13]		Leukemia Mononuclear	
* Stomach, Forestomach [Inflammation TGLS = 6-15]	Epithelium	Hyperplasia Inflammation	Moderate Chronic Active, Moderate
* Testes [Adenoma TGLS = 3-10]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Intestine Large, Rectum		Polyp Adenomatous	
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 4-1]		
* Liver		Basophilic Focus	
	[Leukemia Mononuclear TGLS = 5-4]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 6-13]		
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 7-7]		
* Preputial Gland	Duct	Cyst	Mild
	[Cyst TGLS = 1-10]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1+12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303166

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 8-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
* Pancreas	Acinus	Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 536

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Adenoma	
		[Adenoma TGLS = 1-10]	
* Skin		Fibrosarcoma	
		[Fibrosarcoma TGLS = 2-12]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-1]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 3-10]	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 6-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-12]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-5]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 10-6]		
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	[Cyst TGLS = 9-7]		
* Preputial Gland	Duct	Cyst	Moderate
	[Cyst TGLS = 1-10]		
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 9303169

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 5-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicular Cel C Cell	Carcinoma Hyperplasia	Moderate
[Carcinoma TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 628

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 8-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2,7-1+13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 4-10]			
[Atrophy TGLS = 5-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 642

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Liver		Clear Cell Focus	
		Leukemia Mononuclear	
* Pancreas		Adenoma	
* Preputial Gland		Inflammation	Suppurative, Moderate
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-12]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 524

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--|---------------------------|----------------------|----------|
| * Brain | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 4,5-5] | | | |
| * Heart | Myocardium | Degeneration | Moderate |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| * Liver | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 3-4] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Skin | | Keratoacanthoma | |
| [Keratoacanthoma TGLS = 1-12] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 2-1] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 6-6+13] | | | |

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 571

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Colon		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 4-12]			
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 6-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 722
	DOSE: 625 PPM	DISP: Moribund Sacrifice	HISTO: 9303175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Germinal Epith	Atrophy	Moderate
[Atrophy TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 585

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Pancreatic	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5,6-12+13]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3-13]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-12]		
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 4-10]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 572

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Colon

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Hydrocephalus	Mild
* Kidney		Fibrosis	Focal, Minimal
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin		Fibroma	
		Keratoacanthoma	
[Fibroma TGLS = 1-12]			
[Keratoacanthoma TGLS = 2-13]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Eye	Antr Chamber	Inflammation	Acute, Mild
[Inflammation TGLS = 3-12]			
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	[Nephropathy TGLS = 4,5-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-2]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-6]		
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
* Stomach, Glandular		Erosion	Minimal
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 625
	DOSE: 625 PPM	DISP: Moribund Sacrifice	HISTO: 9303179

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
[Adenoma TGLS = 6-7]			
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
[Leukemia Mononuclear TGLS = 3-4]		Leukemia Mononuclear	
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 709

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus Eosinophilic Focus Leiomyosarcoma	Metastatic (Stomach, Glandular)
Mesentery			
[Leiomyosarcoma TGLS = 4-12+13]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation Ulcer	Mild Chronic Active, Minimal Marked
[Ulcer TGLS = 3-12]			
* Stomach, Glandular		Leiomyosarcoma Ulcer	Marked
[Leiomyosarcoma TGLS = 6-6+12]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 709

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303181

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]

* Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

- Stomach, Glandular Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 586

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5-12+13]		
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 452

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|----------------------|---------------------------|--------------|-----------------------|
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Nose | | Inflammation | Suppurative, Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver	Serosa	Basophilic Focus	
		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 8-13]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 6-13]			
* Parathyroid Gland		Hyperplasia	Marked
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 7-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 586

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-11]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5,6,7-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
[Adenoma TGLS = 2-10]			
[Mesothelioma Malignant TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Peritoneum Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Thymus

OBSERVATIONS

- | | | | |
|-------------------------|---------------------------|------------------|----------|
| * Heart | Myocardium | Degeneration | Mild |
| * Kidney | | Nephropathy | Moderate |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [Adenoma TGLS = 1-10] | | | |
| * Thyroid Gland | Follicle | Cyst | Moderate |
| | C Cell | Hyperplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 652

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 2-12]		
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 4-10]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 501

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Fibrous Histiocytoma	Metastatic (Lung)
* Bone Marrow		Fibrous Histiocytoma	Metastatic (Lung)
* Brain		Fibrous Histiocytoma	Metastatic (Lung)
* Kidney		Fibrous Histiocytoma	Metastatic (Lung)
	[Fibrous Histiocytoma TGLS = 5,6,7-1+12]	Nephropathy	Minimal
* Liver		Fibrous Histiocytoma	Metastatic (Lung)
	[Fibrous Histiocytoma TGLS = 4-4]		
* Lung		Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 1,2-2+3+13]		
* Pancreas		Fibrous Histiocytoma	Metastatic (Lung)
	[Fibrous Histiocytoma TGLS = 8,9-6+12]		
* Preputial Gland		Fibrous Histiocytoma	Metastatic (Lung)
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Lung Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
* Preputial Gland		Adenoma	
		[Adenoma TGLS = 1-12]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-1]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 2-10]	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 667

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Marked
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
[Cyst TGLS = 5-12]			
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Nervosa	Gliosis	Focal, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Moderate
[Fibrosis TGLS = 2-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
* Stomach, Glandular		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151	TRT#: 7	SEX: Male	DAY ON TEST: 673
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO: 9302941

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 655

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 6-1]		
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	[Hepatodiaphragmatic Nodule TGLS = 5-13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-12]		
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 2-10]		
* Spleen	Red Pulp	Congestion	Moderate
	[Congestion TGLS = 4-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 653

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
* Nose		Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Stomach, Glandular		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 653

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302943

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 568

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Marked
* Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Moderate
	[Nephropathy TGLS = 2-1]		
* Liver		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
* Stomach, Glandular		Erosion	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 415

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

* Heart	Myocardium	Degeneration	Moderate
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-2]		
* Nose		Inflammation	Suppurative, Moderate
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Ulcer	Minimal
	[Ulcer TGLS = 6-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Astrocytoma Malignant	
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Inflammation TGLS = 3-6+12]		Inflammation	Chronic Active, Marked
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 571

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 3-1]		
* Liver	Centrilobular, Hepatocyte	Eosinophilic Focus	
		Hypertrophy	Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-12]	Inflammation	Suppurative, Moderate
	[Inflammation TGLS = 2-13]		
* Nose		Inflammation	Suppurative, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	[Ulcer TGLS = 5-14]	Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 4-10]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 716

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Mild
		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 4-12]			
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular, Hepatocyte	Eosinophilic Focus	
		Hypertrophy	Minimal
		Leukemia Mononuclear	
		Adenoma	
* Preputial Gland			
[Adenoma TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
[Ulcer TGLS = 5-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 424

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Skin		Osteosarcoma	
[Osteosarcoma TGLS = 3-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Minimal
[Carcinoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Skin Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 526

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 3-1]		
* Liver		Degeneration	Fatty, Moderate
	[Degeneration TGLS = 1-4]	Necrosis	Focal, Mild
	[Necrosis TGLS = 2-4]		
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
		Ulcer	Moderate
* Testes	Interstitial Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 613

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 7-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Skin		Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 5-12]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Fibrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Moderate
* Intestine Small, Jejunum		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 596

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
* Preputial Gland	Duct	Cyst	Moderate
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Ulcer	Moderate
[Ulcer TGLS = 3-6]			
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 676

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7]			
* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Lung	Interstitial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 479

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Skin

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,6-2+12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 7-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 662

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Oligodendroglioma Malignant	
[Oligodendroglioma Malignant TGLS = 6-5]			
Eye	Lens	Cataract	Moderate
[Cataract TGLS = 1-12]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 620

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Stomach, Forestomach		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Cecum		Congestion	Mild
		Edema	Mild
[Congestion TGLS = 6-6]			
[Edema TGLS = 6-6]			
* Intestine Large, Rectum		Congestion	Moderate
		Edema	Moderate
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney		Nephropathy	Marked
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-4+12]			
[Leukemia Mononuclear TGLS = 4-4+12]			
* Lymph Node, Mesenteric		Congestion	Moderate
[Congestion TGLS = 5-6]			
* Parathyroid Gland		Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170	TRT#: 7	SEX: Male	DAY ON TEST: 684
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO: 9302960

ORGAN AND ACCOUNTABLE SITE STATUS

		Ulcer	Moderate
[Ulcer TGLS = 7-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 599

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Mild
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Mild
			[Cyst TGLS = 1-1]
			[Nephropathy TGLS = 2-1]
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
			[Leukemia Mononuclear TGLS = 5-12]
* Lymph Node, Mesenteric		Leukemia Mononuclear	
			[Leukemia Mononuclear TGLS = 6-6]
Mesentery	Fat	Necrosis	Marked
			[Necrosis TGLS = 7-13]
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
			[Leukemia Mononuclear TGLS = 3-1]
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
			[Adenoma TGLS = 4-10]
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 599

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302961

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Mild
* Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 4-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Fibrosis	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-2+3]		
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 576

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Necrosis	Focal, Moderate
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Inflammation TGLS = 4-12]		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Brain Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Moderate
	[Cyst TGLS = 4-13]		
	[Nephropathy TGLS = 3-1]		
* Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
		Metaplasia	Squamous, Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 5-12]		
	[Metaplasia TGLS = 5-12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Stomach, Forestomach		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 641

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar, Mediastinal, Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6,7-2+12+14]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-13]			
* Pancreas	Acinus	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Erosion	Marked
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 641

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302965

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular	Mixed Cell Focus	
		Necrosis	Mild
[Mixed Cell Focus TGLS = 4-4]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 701

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver	Centrilobular, Hepatocyte Epithelium	Basophilic Focus Hypertrophy Hyperplasia Inflammation Ulcer	Mild Minimal Moderate Chronic Active, Moderate
* Stomach, Forestomach			
* Testes	Bilateral, Interstit Cell	Adenoma	Minimal
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 600

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Fibrosis	Mild
[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 705

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Moderate
[Cyst TGLS = 4-12]			
[Nephropathy TGLS = 2-1]			
* Liver		Necrosis	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Ulcer TGLS = 5-13]			
* Stomach, Glandular		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 613

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 4-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-12]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-5]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6]		
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 659

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 3,5-4]			
* Lung	Interstitial	Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Stomach, Glandular		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 680

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Ulcer	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular	Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 695

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney [Nephropathy TGLS = 2-1]		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes [Adenoma TGLS = 1-10]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Ulcer	Moderate
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Marked
			[Cyst TGLS = 3-1]
			[Nephropathy TGLS = 2-1]
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Spleen		Histiocytic Sarcoma	
			[Histiocytic Sarcoma TGLS = 4,5-1+12]
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
			[Adenoma TGLS = 1-10]
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 626

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Pancreatic, Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3,4,6-12+13+15]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-5]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-14]		
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Stomach, Forestomach		Erosion	Minimal
		Ulcer	Mild
* Stomach, Glandular		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 5-10]		
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 400

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-12]		
* Stomach, Glandular		Erosion	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	[Atrophy TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 687

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Chordoma	
[Chordoma TGLS = 5-13]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 4-4]			
* Lung		Chordoma	Metastatic (Bone)
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: THERE IS ECTOPIC GLANDULAR TISSUE IN THE PITUITARY GLAND. THE TISSUE APPEARS TO BE A MAMMARY GLAND.			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-12]			
* Stomach, Forestomach		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Bone Chordoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 659

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 4-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]	Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 681

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Hyperostosis	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Moderate
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
		Leukemia Mononuclear	
* Lymph Node, Mesenteric			
[Leukemia Mononuclear TGLS = 6-6]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Ulcer TGLS = 7-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302980

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 440

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Cecum

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
	Myocardium	Mineralization	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Preputial Gland	Duct	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-1]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 641

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Lung	Interstitial	Inflammation	Chronic, Minimal
Peritoneum		Mesothelioma Malignant	
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 641

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302982

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 381

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Pancreas		

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Pituitary Gland			
Note: NO FINDING TO CORRELATE WITH GROSS OBSERVATION OF PITUITARY FOCUS.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 2-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach		Leiomyosarcoma	
	[Leiomyosarcoma TGLS = 5-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 633

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
		[Adenoma TGLS = 4-1]	
		[Nephropathy TGLS = 3-1]	
* Liver		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
		[Leukemia Mononuclear TGLS = 5-4]	
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland	Duct	Cyst	Moderate
		[Cyst TGLS = 1-10]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-1+12]	
* Stomach, Glandular		Erosion	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 6-10]	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 558

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Mild
	Myocardium	Mineralization	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 507

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2+3]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Glandular		Erosion	Mild
		Mineralization	Minimal
[Erosion TGLS = 8-6+13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198	TRT#: 7	SEX: Male	DAY ON TEST: 507
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO: 9302988

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 2-10]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 570

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
Lymph Node	Renal	Ectasia	Moderate
[Ectasia TGLS = 3-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach		Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
Eye	Antr Chamber	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-14]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 6-7]			
* Seminal Vesicle		Hyperplasia	Mild
[Hyperplasia TGLS = 5-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	Follicle	Cyst	Minimal
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 201

TRT#: 9

SEX: Male

DAY ON TEST: 439

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Parathyroid Gland		Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 9

SEX: Male

DAY ON TEST: 575

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular	Necrosis	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Marked
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 203

TRT#: 9

SEX: Male

DAY ON TEST: 628

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Necrosis	Focal, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 9

SEX: Male

DAY ON TEST: 710

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Moderate
* Kidney	Renal Tubule	Cyst	Marked
		Nephropathy	Moderate
	[Cyst TGLS = 5-12]		
	[Nephropathy TGLS = 3-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
* Spleen			
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Moderate
	[Adenoma TGLS = 6-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 204

TRT#: 9

SEX: Male

DAY ON TEST: 710

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302844

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 631
DOSE: 5000 PPM **DISP:** Moribund Sacrifice **HISTO:** 9302845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Marked
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Nose		Inflammation	Suppurative, Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Seminal Vesicle		Cyst	Moderate
[Cyst TGLS = 2-10]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 9

SEX: Male

DAY ON TEST: 512

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Marked
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Nose		Inflammation	Suppurative, Mild
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 9

SEX: Male

DAY ON TEST: 439

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Thrombosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 208

TRT#: 9

SEX: Male

DAY ON TEST: 422

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Necrosis	Moderate
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 209

TRT#: 9

SEX: Male

DAY ON TEST: 223

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 9

SEX: Male

DAY ON TEST: 237

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Epididymis		Cyst	Moderate
		Mesothelioma Malignant	
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Moderate
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1,2,5-6+12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular		Ulcer	Mild
* Testes	Tunic	Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-10]			

PRIMARY CAUSE OF DEATH

- Peritoneum Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 9

SEX: Male

DAY ON TEST: 688

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thymus		Ectopic Parathyroid Gland	Moderate
		Ectopic Thyroid	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 9

SEX: Male

DAY ON TEST: 498

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
Eye		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-12]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Parathyroid Gland		Hyperplasia	Moderate
* Salivary Glands	Parotid GI	Degeneration	Moderate
* Skin		Ulcer	Moderate
[Ulcer TGLS = 2-6+12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 9

SEX: Male

DAY ON TEST: 452

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Epididymis		Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-13]			
[Fibroadenoma TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 9

SEX: Male

DAY ON TEST: 498

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Skin		Ulcer	Moderate
[Ulcer TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 9

SEX: Male

DAY ON TEST: 562

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 216

TRT#: 9

SEX: Male

DAY ON TEST: 507

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Marked
		[Cyst TGLS = 6-12]	
		[Nephropathy TGLS = 5-1]	
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Note: THE RIGHT DIAGNOSIS FOR PREPUTIAL GLAND IN THIS ANIMAL IS HEMORRHAGE, BUT THAT IS NOT A CHOICE IN THE NOMENCLATURE.	
		[Cyst TGLS = 2-10]	
* Skin		Keratoacanthoma	
		[Keratoacanthoma TGLS = 1-13]	
* Spleen	Red Pulp	Congestion	Mild
		Leukemia Mononuclear	
		[Congestion TGLS = 4-1]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		[Inflammation TGLS = 7-6]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 3-10]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 216

TRT#: 9

SEX: Male

DAY ON TEST: 507

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302856

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 9

SEX: Male

DAY ON TEST: 562

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 218

TRT#: 9

SEX: Male

DAY ON TEST: 712

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 5-1]		
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 4,7-4+12]		
	[Leukemia Mononuclear TGLS = 8-12]		
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 6-13]		
* Skin		Fibroma	
	[Fibroma TGLS = 1-13]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 9

SEX: Male

DAY ON TEST: 562

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum		Erosion	Mild
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Marked
			[Cyst TGLS = 2-1]
			[Nephropathy TGLS = 3-1]
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
			[Fibroadenoma TGLS = 4-12]
* Parathyroid Gland		Hyperplasia	Marked
* Preputial Gland		Adenoma	
* Spleen		Leukemia Mononuclear	
			[Leukemia Mononuclear TGLS = 1-1]
* Testes	Bilateral, Interstit Cell	Adenoma	
			[Adenoma TGLS = 5-10]
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 9

SEX: Male

DAY ON TEST: 541

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Marked
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 9

SEX: Male

DAY ON TEST: 705

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Marked
	[Cyst TGLS = 3-1]		
	[Nephropathy TGLS = 2-1]		
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 5-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thymus		Ectopic Parathyroid Gland	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 9

SEX: Male

DAY ON TEST: 618

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart	Myocardium	Degeneration	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2,3,4-1+12]			
* Pancreas	Acinus	Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 9

SEX: Male

DAY ON TEST: 451

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Nose		Inflammation	Suppurative, Mild
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 224

TRT#: 9

SEX: Male

DAY ON TEST: 529

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 3-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 9

SEX: Male

DAY ON TEST: 576

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Marked
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
		Necrosis	Focal, Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 9

SEX: Male

DAY ON TEST: 451

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland	Duct	Cyst	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
	Serosa	Inflammation	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
[Ulcer TGLS = 2-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4-12]			

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 9

SEX: Male

DAY ON TEST: 543

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Leukemia Mononuclear	
		Nephropathy	Mild
		[Cyst TGLS = 4-12]	
* Liver		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 7-4]	
* Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
		[Hemorrhage TGLS = 8-2]	
Lymph Node	Lumbar, Mediastinal	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5,6-2+12]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-6]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-1]	
* Stomach, Glandular		Erosion	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 2-10]	
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 227

TRT#: 9

SEX: Male

DAY ON TEST: 543

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302867

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 9

SEX: Male

DAY ON TEST: 605

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Inflammation TGLS = 4-6]		Inflammation	Chronic Active, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 229

TRT#: 9

SEX: Male

DAY ON TEST: 647

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Preputial Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Moderate
			[Cyst TGLS = 3-1]
			[Nephropathy TGLS = 2-1]
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
			[Ulcer TGLS = 4-6]
* Testes	Bilateral, Interstit Cell	Adenoma	
			[Adenoma TGLS = 1-10]
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 230

TRT#: 9

SEX: Male

DAY ON TEST: 550

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
* Stomach, Glandular		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 9

SEX: Male

DAY ON TEST: 521

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Marked
* Heart	Myocardium	Degeneration	Mild
	Myocardium	Mineralization	Moderate
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Marked
			[Cyst TGLS = 4-1]
			[Nephropathy TGLS = 1-1]
* Liver		Eosinophilic Focus	
* Lung		Inflammation	Chronic, Focal, Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Preputial Gland		Inflammation	Suppurative, Moderate
			[Inflammation TGLS = 3-10]
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
			[Adenoma TGLS = 2-10]
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Mineralization	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 9

SEX: Male

DAY ON TEST: 585

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
* Lung		Inflammation	Granulomatous, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
* Skin		Fibroma	
[Fibroma TGLS = 1-13]			
* Spleen	Red Pulp	Congestion	Mild
		Leukemia Mononuclear	
[Congestion TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 9

SEX: Male

DAY ON TEST: 610

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney [Nephropathy TGLS = 2-1]		Nephropathy	Marked
* Liver [Basophilic Focus TGLS = 6-12]		Basophilic Focus	
* Lung [Inflammation TGLS = 3-2]	Mediastinum	Inflammation	Chronic, Minimal
Peritoneum [Inflammation TGLS = 5-14]		Inflammation	Chronic, Moderate
* Skin [Keratoacanthoma TGLS = 4-13]		Keratoacanthoma	
* Stomach, Forestomach	Epithelium Serosa	Hyperplasia Inflammation Inflammation Ulcer	Moderate Moderate Chronic Active, Moderate Mild
* Testes [Adenoma TGLS = 1-10]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 9

SEX: Male

DAY ON TEST: 529

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Marked
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-12]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 2-7]			
* Preputial Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-13+14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Testes	Interstitial Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 6-10]			
[Atrophy TGLS = 7-10]			
* Thyroid Gland	Follicle	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 9

SEX: Male

DAY ON TEST: 529

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302874

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 235

TRT#: 9

SEX: Male

DAY ON TEST: 224

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------|---------------------------|--------------|--------------------|
| * Heart | Myocardium | Degeneration | Minimal |
| * Kidney | | Nephropathy | Mild |
| * Liver | Centrilobular, Hepatocyte | Hypertrophy | Minimal |
| * Lung | | Inflammation | Acute, Focal, Mild |

PRIMARY CAUSE OF DEATH

- Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 9

SEX: Male

DAY ON TEST: 541

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Intestine Small, Duodenum		Erosion	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Parathyroid Gland		Hyperplasia	Mild
* Salivary Glands	Parotid GI	Hyperplasia	Focal, Minimal
Note: THE LESION OF PAROTID SALIVARY GLAND IS HYPERPLASIA OF MUCUS EPITHELIUM, BUT NOMENCLATURE SYSTEM DOES NOT ALLOW ENTRY OF THIS DIAGNOSIS.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 9

SEX: Male

DAY ON TEST: 432

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Skin		Liposarcoma	
[Liposarcoma TGLS = 2-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Skin Liposarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 9

SEX: Male

DAY ON TEST: 634

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland	* Pituitary Gland
---------------------	-------------------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 239

TRT#: 9

SEX: Male

DAY ON TEST: 620

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Parathyroid Gland		Hyperplasia	Moderate
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Erosion	Marked
* Stomach, Glandular		Mineralization	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 9

SEX: Male

DAY ON TEST: 442

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Inflammation Leukemia Mononuclear	Granulomatous, Mild
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	Follicular Cel C Cell	Carcinoma Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 9

SEX: Male

DAY ON TEST: 605

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Ulcer	Moderate
* Kidney		Leukemia Mononuclear	
	[Nephropathy TGLS = 3-1]	Nephropathy	Marked
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 9

SEX: Male

DAY ON TEST: 577

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
Blood Vessel	Aorta	Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Eosinophilic Focus	
[Necrosis TGLS = 6-12]		Necrosis	Focal, Mild
* Lung	Interstitium	Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 5-10]			
* Skin		Keratoacanthoma	Multiple
[Keratoacanthoma TGLS = 3,4-12+13]			
* Stomach, Forestomach		Ulcer	Marked
* Stomach, Glandular		Erosion	Marked
		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 242

TRT#: 9

SEX: Male

DAY ON TEST: 577

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302882

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 9

SEX: Male

DAY ON TEST: 528

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-12]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Serosa	Inflammation	Marked
		Ulcer	Marked
[Ulcer TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 9

SEX: Male

DAY ON TEST: 526

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Duodenum		Erosion	Mild
		Ulcer	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver	Centrilobular	Degeneration	Mild
		Necrosis	Focal, Mild
[Degeneration TGLS = 4-4]			
* Preputial Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 244

TRT#: 9

SEX: Male

DAY ON TEST: 526

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302884

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 245

TRT#: 9

SEX: Male

DAY ON TEST: 467

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-6]		
* Preputial Gland		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 1-10]		
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 9

SEX: Male

DAY ON TEST: 530

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Small, Duodenum		Erosion	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 9

SEX: Male

DAY ON TEST: 530

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 1-12]			
* Stomach, Forestomach		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 248

TRT#: 9

SEX: Male

DAY ON TEST: 519

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 249

TRT#: 9

SEX: Male

DAY ON TEST: 516

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Moderate
		[Cyst TGLS = 2-1]	
		[Nephropathy TGLS = 3-1]	
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 1-10]	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 250

TRT#: 9

SEX: Male

DAY ON TEST: 529

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Heart	Myocardium	Degeneration	Marked
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
	[Nephropathy TGLS = 3-1]		
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 2-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251	TRT#: 11	SEX: Male	DAY ON TEST: 317
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Stomach, Forestomach * Thyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum * Stomach, Glandular

OBSERVATIONS

* Intestine Large, Cecum [Inflammation TGLS = 2-3]	Serosa	Inflammation	Chronic, Minimal
* Intestine Large, Colon [Inflammation TGLS = 3-3]	Serosa	Inflammation	Chronic, Mild
* Intestine Large, Rectum [Inflammation TGLS = 4,5-3]	Serosa	Inflammation	Chronic, Mild
* Liver [Hepatodiaphragmatic Nodule TGLS = 6-1]	Serosa	Hepatodiaphragmatic Nodule Inflammation	Chronic, Mild
* Preputial Gland [Inflammation TGLS = 1-4]		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252	TRT#: 11	SEX: Male	DAY ON TEST: 558
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Kidney [Nephropathy TGLS = 2-4]		Nephropathy	Moderate
* Liver		Basophilic Focus	
* Skin [Fibroma TGLS = 3-3]		Fibroma	
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253	TRT#: 11	SEX: Male	DAY ON TEST: 564
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 4-3]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-3]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-4]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254	TRT#: 11	SEX: Male	DAY ON TEST: 719
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Kidney [Nephropathy TGLS = 6-4]		Nephropathy	Moderate
* Liver [Leukemia Mononuclear TGLS = 5-1]		Basophilic Focus Leukemia Mononuclear	
* Seminal Vesicle [Atrophy TGLS = 4-5]		Atrophy	Moderate
* Skin [Fibroma TGLS = 7-3]		Fibroma	
* Spleen [Fibrosis TGLS = 2-3] [Leukemia Mononuclear TGLS = 1-3]		Fibrosis Leukemia Mononuclear	Minimal
* Testes [Adenoma TGLS = 3-5]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255	TRT#: 11	SEX: Male	DAY ON TEST: 596
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Liver

OBSERVATIONS

* Kidney [Nephropathy TGLS = 2-3]		Nephropathy	Marked
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Moderate
* Spleen [Leukemia Mononuclear TGLS = 3-3]		Leukemia Mononuclear	
* Stomach, Forestomach		Mineralization	Moderate
* Stomach, Glandular		Mineralization	Moderate
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 11

SEX: Male

DAY ON TEST: 618

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Glandular

OBSERVATIONS

* Kidney

Nephropathy

Moderate

[Nephropathy TGLS = 4-3]

* Liver

Angiectasis

Moderate

Leukemia Mononuclear

[Angiectasis TGLS = 6-1]

[Leukemia Mononuclear TGLS = 5-1]

* Spleen

Fibrosis

Mild

Leukemia Mononuclear

[Fibrosis TGLS = 3-3]

[Leukemia Mononuclear TGLS = 2-3]

* Stomach, Forestomach

Erosion

Minimal

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-4]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 11

SEX: Male

DAY ON TEST: 694

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver * Thyroid Gland

OBSERVATIONS

* Intestine Small, Duodenum		Mineralization	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4,5-5]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-2]			
* Preputial Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-4]			
* Skin	Epidermis	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 8-6]			
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 11

SEX: Male

DAY ON TEST: 614

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Kidney

[Nephropathy TGLS = 7-5]

Nephropathy

Moderate

* Liver

[Leukemia Mononuclear TGLS = 5-1]

Basophilic Focus

Leukemia Mononuclear

* Lymph Node, Mandibular

[Leukemia Mononuclear TGLS = 8-5]

Leukemia Mononuclear

* Mammary Gland

[Carcinoma TGLS = 9-3]

Carcinoma

* Preputial Gland

[Adenoma TGLS = 2-4]

Adenoma

* Skin

[Adenoma TGLS = 1-3]

Sebaceous GI

Adenoma

* Spleen

[Leukemia Mononuclear TGLS = 4-3]

Leukemia Mononuclear

* Testes

[Adenoma TGLS = 3-4]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259	TRT#: 11	SEX: Male	DAY ON TEST: 484
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney [Nephropathy TGLS = 3-3]		Nephropathy	Moderate
* Liver [Leukemia Mononuclear TGLS = 4-1]		Leukemia Mononuclear	
Lymph Node [Pigmentation TGLS = 5-4]	Renal	Pigmentation	Mild
* Spleen [Leukemia Mononuclear TGLS = 2-3]		Leukemia Mononuclear	
* Stomach, Forestomach [Ulcer TGLS = 6-4]	Epithelium	Hyperplasia Ulcer	Mild Mild
* Stomach, Glandular		Erosion Ulcer	Mild Moderate
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 11

SEX: Male

DAY ON TEST: 641

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302750

OBSERVATIONS

* Heart [Mineralization TGLS = 3-3]	Myocardium	Mineralization	Marked
* Intestine Small, Duodenum		Mineralization	Minimal
* Kidney [Nephropathy TGLS = 2-4]		Nephropathy	Marked
* Liver		Eosinophilic Focus Mixed Cell Focus	
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Marked
* Stomach, Forestomach		Mineralization	Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes [Adenoma TGLS = 1-3]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261	TRT#: 11	SEX: Male	DAY ON TEST: 641
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302751

OBSERVATIONS

* Heart [Mineralization TGLS = 3-3]	Myocardium	Mineralization	Marked
* Intestine Small, Duodenum		Mineralization	Minimal
* Kidney [Nephropathy TGLS = 2-4]		Nephropathy	Marked
* Liver		Basophilic Focus	
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Moderate
* Stomach, Forestomach		Mineralization	Mild
* Stomach, Glandular [Mineralization TGLS = 5-5]		Mineralization	Moderate
* Testes [Adenoma TGLS = 1-3]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262	TRT#: 11	SEX: Male	DAY ON TEST: 587
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Forestomach

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-4]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-3]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 263

TRT#: 11

SEX: Male

DAY ON TEST: 613

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Stomach, Forestomach

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

[Mesothelioma Malignant TGLS = 3-5]

* Kidney

Nephropathy

Marked

[Nephropathy TGLS = 8-3]

* Liver

Centrilobular

Necrosis

Moderate

[Necrosis TGLS = 9-1]

Peritoneum

Mesothelioma Malignant

[Mesothelioma Malignant TGLS = 5,6,7,10-3+4]

* Stomach, Glandular

Serosa

Inflammation

Moderate

* Testes

Bilateral, Interstit Cell

Adenoma

Tunic

Mesothelioma Malignant

[Adenoma TGLS = 4-5]

[Mesothelioma Malignant TGLS = 2-5]

* Thyroid Gland

Follicle

Cyst

Mild

C Cell

Hyperplasia

Mild

[Cyst TGLS = 11-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 11

SEX: Male

DAY ON TEST: 645

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney [Nephropathy TGLS = 6-4]		Nephropathy	Marked
* Liver [Degeneration TGLS = 3-1]	Centrilobular	Basophilic Focus Degeneration	Minimal
* Parathyroid Gland [Hyperplasia TGLS = 7-2]		Hyperplasia	Marked
* Preputial Gland [Adenoma TGLS = 1,2-3]	Bilateral	Adenoma	
* Spleen [Fibrosis TGLS = 5-4]		Fibrosis	Mild
* Stomach, Forestomach [Ulcer TGLS = 8-4]	Epithelium	Hyperplasia Inflammation Ulcer	Mild Chronic Active, Mild Moderate
* Stomach, Glandular		Mineralization	Moderate
* Testes [Adenoma TGLS = 4-3]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 11

SEX: Male

DAY ON TEST: 638

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Brain

[Leukemia Mononuclear TGLS = 8-4]

Leukemia Mononuclear

* Kidney

[Nephropathy TGLS = 7-3]

Nephropathy

Mild

* Liver

[Leukemia Mononuclear TGLS = 6,9-1]

Leukemia Mononuclear

* Lymph Node, Mandibular

[Leukemia Mononuclear TGLS = 3-4]

Leukemia Mononuclear

* Preputial Gland

[Adenoma TGLS = 1-5]

Adenoma

* Spleen

[Leukemia Mononuclear TGLS = 2-3]

Leukemia Mononuclear

* Testes

[Adenoma TGLS = 5-5]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

[Carcinoma TGLS = 4-2]

Follicular Cel

Follicular Cel

Adenoma

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266	TRT#: 11	SEX: Male	DAY ON TEST: 697
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Forestomach

OBSERVATIONS

* Kidney [Nephropathy TGLS = 5-4]		Nephropathy	Moderate
* Liver [Leukemia Mononuclear TGLS = 4-1, 6-1]		Leukemia Mononuclear	
* Lung [Leukemia Mononuclear TGLS = 8-5+6]		Leukemia Mononuclear	
Mesentery [Necrosis TGLS = 7-3]	Fat	Necrosis	Mild
* Parathyroid Gland [Hyperplasia TGLS = 9-2]		Hyperplasia	Mild
* Skin [Fibrosarcoma TGLS = 1-4]		Fibrosarcoma	
* Spleen [Leukemia Mononuclear TGLS = 3-3]		Leukemia Mononuclear	
* Stomach, Glandular		Mineralization	Mild
* Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 267

TRT#: 11

SEX: Male

DAY ON TEST: 681

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Glandular

OBSERVATIONS

* Kidney

Leukemia Mononuclear

Nephropathy

Mild

[Leukemia Mononuclear TGLS = 4-3]

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 3-1]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 2-3]

* Stomach, Forestomach

Epithelium

Hyperplasia

Inflammation

Ulcer

Minimal

Chronic Active, Marked

Marked

[Ulcer TGLS = 6-4]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-4]

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268

TRT#: 11

SEX: Male

DAY ON TEST: 490

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver
Mesentery

Fat

Leukemia Mononuclear
Necrosis

Mild

[Necrosis TGLS = 3-3]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 2-3]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 11

SEX: Male

DAY ON TEST: 590

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver

Basophilic Focus

Leukemia Mononuclear

Lymph Node

Lumbar, Mediastinal

Leukemia Mononuclear

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

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-3]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-4]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 11

SEX: Male

DAY ON TEST: 692

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302760

ORGAN AND ACCOUNTABLE SITE STATUS

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney [Nephropathy TGLS = 2,3-3]		Nephropathy	Marked
* Liver		Basophilic Focus	
* Preputial Gland [Inflammation TGLS = 4-4]		Inflammation	Suppurative, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular [Mineralization TGLS = 5-3]		Mineralization	Marked
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 11

SEX: Male

DAY ON TEST: 719

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Liver

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

Eye

Lens

Cataract

Marked

[Cataract TGLS = 1-3]

* Preputial Gland

Bilateral

Adenoma

[Adenoma TGLS = 2-4]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 3-3]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272	TRT#: 11	SEX: Male	DAY ON TEST: 613
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Kidney	Renal Tubule	Cyst Nephropathy	Moderate Moderate
[Cyst TGLS = 5-3] [Nephropathy TGLS = 4-4]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-5]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273	TRT#: 11	SEX: Male	DAY ON TEST: 696
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	Peripheral Nerve	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Marked
[Fibrous Osteodystrophy TGLS = 6-6]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-5]			
* Skin	Sebaceous GI	Adenoma	
[Adenoma TGLS = 1-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-4]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 11

SEX: Male

DAY ON TEST: 613

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Kidney

[Nephropathy TGLS = 4-4]

Nephropathy

Moderate

* Liver

[Leukemia Mononuclear TGLS = 5-1+4,6-1+4]

Leukemia Mononuclear

* Preputial Gland

[Adenoma TGLS = 1-3]

Adenoma

* Spleen

[Leukemia Mononuclear TGLS = 3-4]

Leukemia Mononuclear

* Testes

[Adenoma TGLS = 2-3]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275	TRT#: 11	SEX: Male	DAY ON TEST: 596
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Kidney	Renal Tubule	Cyst Nephropathy	Moderate Moderate
[Cyst TGLS = 6-4] [Nephropathy TGLS = 3-4]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
* Preputial Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-3]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[Fibrosis TGLS = 7-4] [Leukemia Mononuclear TGLS = 2-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-3]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276	TRT#: 11	SEX: Male	DAY ON TEST: 616
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver * Thyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney [Nephropathy TGLS = 1-3]		Nephropathy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Stomach, Glandular		Mineralization	Mild
* Testes [Adenoma TGLS = 2,3-4]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277	TRT#: 11	SEX: Male	DAY ON TEST: 691
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Heart [Thrombosis TGLS = 5-3]	Atrium	Thrombosis	Marked
* Kidney [Nephropathy TGLS = 4-3]		Nephropathy	Moderate
* Preputial Gland [Adenoma TGLS = 1-4]		Adenoma	
* Testes [Adenoma TGLS = 2-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 11	SEX: Male	DAY ON TEST: 480
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Kidney [Nephropathy TGLS = 4-4]		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Spleen [Leukemia Mononuclear TGLS = 1-3]		Leukemia Mononuclear	
* Testes [Adenoma TGLS = 2-3]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 11

SEX: Male

DAY ON TEST: 498

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
Lymph Node	Mediastinal, Pancreatic, Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,7,8,9-4+5+6+7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-9]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-4]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3-3]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
		Ulcer	Mild
[Ulcer TGLS = 13-9]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Ulcer	Moderate
[Ulcer TGLS = 12-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 11	SEX: Male	DAY ON TEST: 653
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302770

OBSERVATIONS

* Bone [Fibrous Osteodystrophy TGLS = 5-5]		Fibrous Osteodystrophy	Moderate
* Intestine Small, Duodenum		Inflammation	Chronic Active, Moderate
* Kidney [Nephropathy TGLS = 3-3]		Nephropathy	Marked
* Liver		Leukemia Mononuclear	
* Pituitary Gland [Adenoma TGLS = 4-4]	Pars Distalis	Adenoma	
* Spleen [Leukemia Mononuclear TGLS = 2-3]		Leukemia Mononuclear	
* Stomach, Forestomach [Ulcer TGLS = 6-4]	Epithelium	Hyperplasia Inflammation Ulcer	Moderate Chronic Active, Mild Moderate
* Stomach, Glandular	Serosa	Inflammation Mineralization	Mild Moderate
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 11

SEX: Male

DAY ON TEST: 572

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Kidney

[Nephropathy TGLS = 5-6]

Nephropathy

Mild

* Liver

[Leukemia Mononuclear TGLS = 2-1]

Leukemia Mononuclear

* Lung

[Leukemia Mononuclear TGLS = 7-8+9]

Leukemia Mononuclear

Lymph Node

Mediastinal, Renal

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 3,6-4+7]

* Spleen

[Leukemia Mononuclear TGLS = 1-3]

Leukemia Mononuclear

* Testes

[Adenoma TGLS = 4-5]

Interstit Cell

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 11

SEX: Male

DAY ON TEST: 687

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Heart

Atrium

Thrombosis

Moderate

[Thrombosis TGLS = 6-3]

* Kidney

Nephropathy

Moderate

[Nephropathy TGLS = 3-6]

* Liver

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 4-1]

* Lung

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 8-4+5]

Lymph Node

Mediastinal

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5-4]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-6]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-3]

* Thyroid Gland

C Cell

Adenoma

Follicle

Cyst

Moderate

[Cyst TGLS = 7-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 11

SEX: Male

DAY ON TEST: 641

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver

[Leukemia Mononuclear TGLS = 3-1]

Leukemia Mononuclear

* Spleen

[Leukemia Mononuclear TGLS = 2-3]

Leukemia Mononuclear

* Testes

[Adenoma TGLS = 1-3]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284	TRT#: 11	SEX: Male	DAY ON TEST: 670
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

Eye [Inflammation TGLS = 1,2-5]	Antr Chamber	Inflammation	Acute, Marked
* Kidney [Nephropathy TGLS = 7-5]		Nephropathy	Mild
* Liver [Leukemia Mononuclear TGLS = 6-1]		Basophilic Focus Leukemia Mononuclear	
* Spleen [Leukemia Mononuclear TGLS = 4-3]		Fibrosis Leukemia Mononuclear	Mild
* Testes [Adenoma TGLS = 5-3]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicle C Cell	Cyst Hyperplasia	Moderate Mild
Zymbal's Gland [Carcinoma TGLS = 3-4]		Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 285

TRT#: 11

SEX: Male

DAY ON TEST: 542

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

Peripheral Nerve

Spinal Cord

* Stomach, Glandular

OBSERVATIONS

* Brain

[Leukemia Mononuclear TGLS = 4-5]

Leukemia Mononuclear

* Kidney

[Nephropathy TGLS = 5-7]

Nephropathy

Moderate

* Liver

Lymph Node

[Leukemia Mononuclear TGLS = 7,8,10-3+5+7]

Leukemia Mononuclear

Leukemia Mononuclear

* Lymph Node, Mandibular

[Leukemia Mononuclear TGLS = 6-6]

Leukemia Mononuclear

* Lymph Node, Mesenteric

[Leukemia Mononuclear TGLS = 9-4]

Leukemia Mononuclear

* Skin

[Keratoacanthoma TGLS = 2-4]

Keratoacanthoma

* Spleen

[Leukemia Mononuclear TGLS = 1-3]

Leukemia Mononuclear

* Stomach, Forestomach

Leukemia Mononuclear

* Testes

Interstitial Cell

[Adenoma TGLS = 3-3]

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 11

SEX: Male

DAY ON TEST: 722

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Kidney

Nephropathy

Moderate

[Nephropathy TGLS = 2-3]

* Liver

Leukemia Mononuclear

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-3]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 3-4]

* Thyroid Gland

Follicle

Cyst

Mild

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287	TRT#: 11	SEX: Male	DAY ON TEST: 590
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302777

OBSERVATIONS

* Intestine Small, Duodenum		Mineralization	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-3]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-2]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Stomach, Forestomach		Mineralization	Moderate
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-4]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 11

SEX: Male

DAY ON TEST: 690

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Stomach, Forestomach

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-4]			
* Heart	Myocardium	Degeneration	Marked
	Myocardium	Mineralization	Mild
	Atrium	Thrombosis	Minimal
[Thrombosis TGLS = 7-6]			
* Intestine Small, Duodenum		Mineralization	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Marked
[Cyst TGLS = 6-5]			
[Nephropathy TGLS = 4-5]			
* Liver		Leukemia Mononuclear	
* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-3]			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 8-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-5]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-3]			
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-4]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 11

SEX: Male

DAY ON TEST: 584

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

OBSERVATIONS

* Kidney

[Nephropathy TGLS = 4-3]

Nephropathy

Mild

* Liver

Basophilic Focus

Leukemia Mononuclear

* Preputial Gland

[Adenoma TGLS = 2-4]

Adenoma

* Spleen

[Fibrosis TGLS = 5-3]

[Leukemia Mononuclear TGLS = 1-3]

Fibrosis

Leukemia Mononuclear

Moderate

* Stomach, Glandular

Erosion

Minimal

* Testes

Interstitial Cell

Adenoma

[Adenoma TGLS = 3-4]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 11

SEX: Male

DAY ON TEST: 585

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney [Nephropathy TGLS = 1-3]		Nephropathy	Marked
* Liver [Hepatocellular Adenoma TGLS = 3-1]		Hepatocellular Adenoma	
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Moderate
* Stomach, Forestomach [Ulcer TGLS = 5-4]	Epithelium	Hyperplasia Ulcer	Moderate Moderate
* Stomach, Glandular		Inflammation Mineralization	Chronic Active, Moderate Marked
* Testes [Adenoma TGLS = 2-4]	Interstitial Cell	Adenoma	
* Thyroid Gland	Follicle C Cell	Cyst Hyperplasia	Moderate Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 291

TRT#: 11

SEX: Male

DAY ON TEST: 702

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Glandular

OBSERVATIONS

* Heart	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 7-4]			
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-3]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1,4-1]			
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-4]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Chronic Active, Moderate
[Inflammation TGLS = 11-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-5]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 11

SEX: Male

DAY ON TEST: 647

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Kidney

[Nephropathy TGLS = 4-3]

Nephropathy

Moderate

* Liver

[Hepatodiaphragmatic Nodule TGLS = 5-4]

[Leukemia Mononuclear TGLS = 2-1]

Basophilic Focus
Eosinophilic Focus
Hepatodiaphragmatic Nodule
Leukemia Mononuclear

* Spleen

[Leukemia Mononuclear TGLS = 1-3]

Leukemia Mononuclear

* Testes

[Adenoma TGLS = 3-4]

Bilateral, Interstit Cell

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 293

TRT#: 11

SEX: Male

DAY ON TEST: 605

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302783

OBSERVATIONS

* Heart	Myocardium	Mineralization	Moderate
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 5-3]			
* Intestine Small, Duodenum		Mineralization	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2,3,7-4+5]			
* Liver		Basophilic Focus	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-5]			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-2]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-3]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294	TRT#: 11	SEX: Male	DAY ON TEST: 620
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Forestomach

OBSERVATIONS

* Kidney [Nephropathy TGLS = 3-3]		Nephropathy	Moderate
* Liver [Leukemia Mononuclear TGLS = 4-1]		Leukemia Mononuclear	
* Spleen [Leukemia Mononuclear TGLS = 2-3]		Leukemia Mononuclear	
* Stomach, Glandular [Ulcer TGLS = 5-4]		Ulcer	Mild
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 11

SEX: Male

DAY ON TEST: 627

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Bone [Fibrosis TGLS = 4-5]		Fibrosis	Mild
* Intestine Small, Duodenum		Erosion	Minimal
* Kidney [Nephropathy TGLS = 2-4]		Nephropathy	Marked
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Marked Chronic Active, Minimal
* Stomach, Glandular		Erosion	Mild
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicle C Cell	Cyst Hyperplasia	Mild Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 11

SEX: Male

DAY ON TEST: 614

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney [Nephropathy TGLS = 2-3]		Nephropathy	Marked
* Liver [Hepatodiaphragmatic Nodule TGLS = 3-4]		Basophilic Focus Hepatodiaphragmatic Nodule	
* Parathyroid Gland [Hyperplasia TGLS = 4-2]		Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Marked Chronic Active, Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes [Adenoma TGLS = 1-4]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297	TRT#: 11	SEX: Male	DAY ON TEST: 631
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Kidney		Lymphoma Malignant Nephropathy	Moderate
[Lymphoma Malignant TGLS = 3-3]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia Leukemia Mononuclear Ulcer	Moderate Marked
[Ulcer TGLS = 6-4]			
* Stomach, Glandular		Erosion Mineralization	Minimal Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-4]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 11

SEX: Male

DAY ON TEST: 634

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Marked
		[Fibrous Osteodystrophy TGLS = 4-5]	
* Kidney		Nephropathy	Marked
		[Nephropathy TGLS = 3-3]	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
* Parathyroid Gland		Hyperplasia	Marked
		[Hyperplasia TGLS = 5-2]	
* Spleen		Fibrosis	Moderate
		[Fibrosis TGLS = 1-3]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
		[Ulcer TGLS = 6-4]	
* Stomach, Glandular		Inflammation	Chronic Active, Moderate
		Mineralization	Mild
		Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
		[Adenoma TGLS = 2-4]	
* Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299	TRT#: 11	SEX: Male	DAY ON TEST: 567
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302789

ORGAN AND ACCOUNTABLE SITE STATUS

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum * Stomach, Glandular

OBSERVATIONS

* Kidney [Nephropathy TGLS = 1-3]		Nephropathy	Marked
* Liver	Centrilobular	Necrosis	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300	TRT#: 11	SEX: Male	DAY ON TEST: 659
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
-----------------------------	------------------------	----------------------

OBSERVATIONS

* Kidney [Nephropathy TGLS = 5-4]		Nephropathy	Moderate
* Liver [Leukemia Mononuclear TGLS = 3-1]		Leukemia Mononuclear	
* Spleen [Fibrosis TGLS = 4-3] [Leukemia Mononuclear TGLS = 2-3]		Fibrosis Leukemia Mononuclear	Minimal
* Testes [Adenoma TGLS = 1-3]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 301

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 223

HISTO: 9302691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- * Mammary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

- | | |
|--|-----------------------------|
| * Brain | Oligodendroglioma Malignant |
| [Oligodendroglioma Malignant TGLS = 1-5] | |
| * Spleen | Pigmentation |
| | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH

- Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302

TRT#: 2

SEX: Female

DAY ON TEST: 697

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Hyperostosis	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 4-12]	
		[Leukemia Mononuclear TGLS = 5-4]	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLS = 1-11]	
Mesentery		Accessory Spleen	
		[Accessory Spleen TGLS = 3-1]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 6-7]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-1]	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4,5-4+12]			
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 3-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 304

TRT#: 2

SEX: Female

DAY ON TEST: 529

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 305

TRT#: 2

SEX: Female

DAY ON TEST: 522

DOSE: 0 PPM

DISP: Natural Death

HISTO: 9302695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 306

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lymph Node, Mesenteric		Inflammation	Acute, Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 4-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11+13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Marked
[Hyperplasia TGLS = 2-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 641
HISTO: 9302698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Intestine Small, Ileum	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Heart	Pericardium	Inflammation	Chronic, Moderate
* Liver		Basophilic Focus	
* Lung	Serosa	Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Inflammation	Chronic, Moderate
	[Inflammation TGLS = 2-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
	[Ulcer TGLS = 3-6]		
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH - Heart Pericardium Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 309

TRT#: 2

SEX: Female

DAY ON TEST: 597

DOSE: 0 PPM

DISP: Accidentally Killed

HISTO: 9302699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Liver		Basophilic Focus	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: This animal was killed because of accidental trauma.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-13]			
* Lung		Infiltration Cellular	Mast Cell, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1,2-11+12]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
Note: THE PHEOCHROMOCYTOMA IN THIS ANIMAL APPEARED TO BE BOTH COMPLEX (HAD NEURONS AND ENDOCRINE CELLS) AND ALSO MALIGNANT, BUT THIS COULD NOT BE CODED. [Pheochromocytoma Complex TGLS = 4-12]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 7-14]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-10+11+13]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 5-15]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9302703
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Liver	Centrilobular	Atrophy Basophilic Focus	Minimal
[Atrophy TGLS = 1-4]			
* Nose		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314	TRT#: 2	SEX: Female	DAY ON TEST: 708
	DOSE: 0 PPM	DISP: Moribund Sacrifice	HISTO: 9302704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315

TRT#: 2

SEX: Female

DAY ON TEST: 696

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Hydrocephalus	Marked
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 3-10+13]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 5,6-4+15]			
* Lung		Congestion	Mild
[Congestion TGLS = 7-2+3]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,4-11+12+14]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2,3-4+11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Mild
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
[Mixed Cell Focus TGLS = 5-11]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-12+13]			
* Ovary		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 1-11]			
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 3-4]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,2-12+13]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 4-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 9302711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Degeneration	Fatty, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322

TRT#: 2

SEX: Female

DAY ON TEST: 228

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323

TRT#: 2

SEX: Female

DAY ON TEST: 569

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 324

TRT#: 2

SEX: Female

DAY ON TEST: 647

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-----------------------------------|---------------|-------------------|----------|
| * Clitoral Gland | | Adenoma | |
| [Adenoma TGLS = 1-11] | | | |
| * Intestine Large, Colon | | Polyp Adenomatous | |
| [Polyp Adenomatous TGLS = 5-13] | | | |
| * Liver | | Basophilic Focus | |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 2-12] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 3,4-7] | | | |
| * Thyroid Gland | C Cell | Adenoma | |

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5-4]	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
		[Fibroadenoma TGLS = 1,2-12+13]	
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 4-14]	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 6-7]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-11]	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 700
HISTO: 9302716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-11]			
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 4-12]			
* Heart	Myocardium	Degeneration	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
Lymph Node	Renal	Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[Pheochromocytoma Malignant TGLS = 2-11]			
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-10]			
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-11]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-12]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 2

SEX: Female

DAY ON TEST: 701

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-10]			
Eye	Lens	Cataract	Moderate
[Cataract TGLS = 1-12]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 571
HISTO: 9302719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Hypothalamus	Hemorrhage	Marked
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-12,2-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 690
HISTO: 9302721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Leukemia Mononuclear	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5-4]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 6-12]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 10-13]	
Mesentery		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-11]	
* Nose		Inflammation	Suppurative, Moderate
* Ovary		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-10]	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		[Cyst TGLS = 9-7]	
* Skin		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-10]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 690 HISTO: 9302721
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 1-11]		Leukemia Mononuclear
* Thymus [Leukemia Mononuclear TGLS = 7-12]		Leukemia Mononuclear
* Thyroid Gland [Adenoma TGLS = 8-7]	C Cell	Adenoma

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 332

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 333

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Basophilic Focus TGLS = 3-4]		
	[Eosinophilic Focus TGLS = 3-4]		
	[Hepatodiaphragmatic Nodule TGLS = 4-4]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,2-11+12]		
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 5-14]			
[Clear Cell Focus TGLS = 5-14]			
[Eosinophilic Focus TGLS = 5-14]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-10]			
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose		Inflammation	Suppurative, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 2-12]			
[Eosinophilic Focus TGLS = 2-12]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 613
HISTO: 9302727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain	Hypothalamus	Hemorrhage	Mild
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 4-4]		
* Mammary Gland		Adenoma	
	[Adenoma TGLS = 2-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 3-10]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	[Hepatodiaphragmatic Nodule TGLS = 3-4]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,2-11+12]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-12]			
* Lung	Interstitial	Inflammation	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart	Myocardium	Degeneration	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Urin Bladder			
Note: A piece of tissue was misidentified as urinary bladder. I suspect it was a piece of the uterine lesion.			
* Uterus	Cervix	Cyst	Moderate
[Cyst TGLS = 2-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341

TRT#: 2

SEX: Female

DAY ON TEST: 550

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Marked
[Hemorrhage TGLS = 3-7]			
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-12+13]			
* Heart	Myocardium	Degeneration	Minimal
* Liver		Basophilic Focus	
Lymph Node	Renal	Ectasia	Marked
[Ectasia TGLS = 2-11]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 6-6]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 5-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-1]			
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Clitoral Gland Bilateral Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Pigmentation	Hemosiderin, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 3-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9302734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [Cyst TGLS = 2-10]	Duct	Cyst	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland [Fibroadenoma TGLS = 1-11]		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus [Cyst TGLS = 3-12]	Cervix	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 345

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: 9302735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [Adenoma TGLS = 1-10]		Adenoma	
* Heart	Myocardium	Degeneration	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [Basophilic Focus TGLS = 3-4]		Basophilic Focus	
* Mammary Gland [Fibroadenoma TGLS = 2-11]		Fibroadenoma	
* Ovary [Cyst TGLS = 4-10]		Cyst	Moderate
* Pituitary Gland [Hyperplasia TGLS = 5-7]	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 9302736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9302738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
Eye [Cataract TGLS = 1-13]	Lens	Cataract	Marked
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland [Fibroadenoma TGLS = 2,3-11+12]		Fibroadenoma	Multiple
* Pituitary Gland [Adenoma TGLS = 4-7]	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9302739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 350

TRT#: 2

SEX: Female

DAY ON TEST: 583

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 9302740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung		Inflammation	Granulomatous, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 3-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 669

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|---|--------------|-------------------------|-------------------|
| * Heart | Myocardium | Degeneration | Mild |
| * Liver | | Basophilic Focus | |
| * Lung | Interstitial | Inflammation | Chronic, Minimal |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| [Ectasia TGLS = 1-5] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| Tongue | | Squamous Cell Carcinoma | |
| [Squamous Cell Carcinoma TGLS = 2-11] | | | |

PRIMARY CAUSE OF DEATH

- Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 3-1]		
* Liver		Basophilic Focus	
	[Basophilic Focus TGLS = 2-4]	Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 5-4]		
* Mammary Gland		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Bone Marrow		Necrosis	Marked
* Clitoral Gland	Duct	Cyst	Marked
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 4-11]			
[Hyperplasia TGLS = 1,5-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
* Stomach, Glandular		Erosion	Mild
		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 4

SEX: Female

DAY ON TEST: 717

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain	Hypothalamus	Hemorrhage	Minimal
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-2]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-11]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 612

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

MISSING

* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Eosinophilic Focus TGLS = 2,3-12]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 4

SEX: Female

DAY ON TEST: 590

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart	Atrium	Thrombosis	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical, Lumbar	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5-11+12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
		Ulcer	Moderate
* Stomach, Glandular		Erosion	Minimal
		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 4

SEX: Female

DAY ON TEST: 478

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 3-10]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	[Cyst TGLS = 1-7]		
* Skin	Subcut Tiss	Edema	Marked
	[Edema TGLS = 5-11+12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
	[Inflammation TGLS = 7-13]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 359

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|--|---------------|----------------------|---------|
| * Clitoral Gland | | Adenoma | |
| [Adenoma TGLS = 1-10] | | | |
| * Heart | Myocardium | Degeneration | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| [Leukemia Mononuclear TGLS = 3,4-4+12] | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 5-13] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 2-11] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 9303200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 361

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Marked
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 1-7]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-11]			
[Clear Cell Focus TGLS = 3-11]			
[Eosinophilic Focus TGLS = 3-11]			
[Mixed Cell Focus TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 4

SEX: Female

DAY ON TEST: 697

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Hydrocephalus	Marked
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-7]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 4

SEX: Female

DAY ON TEST: 633

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	Vagina	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 7,8-4]			
* Mammary Gland		Adenoma	
		Fibroadenoma	Multiple
[Adenoma TGLS = 2-12]			
[Fibroadenoma TGLS = 1,3-11+13]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 6-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-10]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303205

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366

TRT#: 4

SEX: Female

DAY ON TEST: 606

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

* Brain		Leukemia Mononuclear	
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Minimal Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 367

TRT#: 4

SEX: Female

DAY ON TEST: 647

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Mammary Gland		Fibroadenoma	Multiple
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 368

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 4

SEX: Female

DAY ON TEST: 715

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-5]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6+13]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-11]			
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 8-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 4
DOSE: 625 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 715
HISTO: 9303209

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Erosion

Mild

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 3-4]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Interstitialium	Inflammation	Chronic, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-12]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-10]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Hydrocephalus	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 372

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 1-11]			
[Clear Cell Focus TGLS = 1-11]			
[Eosinophilic Focus TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 373

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- | | |
|---------------------|----------|
| * Parathyroid Gland | * Thymus |
|---------------------|----------|

OBSERVATIONS

- | | | | |
|------------------------------|---------------|----------------------|----------|
| * Heart | Myocardium | Degeneration | Mild |
| * Kidney | Renal Tubule | Cyst | Moderate |
| | | Nephropathy | Mild |
| | | | |
| [Cyst TGLS = 3-1] | | | |
| [Nephropathy TGLS = 2-1] | | | |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | | Mixed Cell Focus | |
| * Lung | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 1-11] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 4-7] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Adenoma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Hydrocephalus	Marked
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	Sebaceous GI	Adenoma	
[Adenoma TGLS = 1-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-10]		
* Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10+11]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 379

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|---|---------------|----------------------|----------|
| * Clitoral Gland
[Cyst TGLS = 3-10] | Duct | Cyst | Moderate |
| * Heart | Myocardium | Degeneration | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Mammary Gland
[Fibroadenoma TGLS = 1-11] | | Fibroadenoma | |
| * Pituitary Gland
[Adenoma TGLS = 2-7] | Pars Distalis | Adenoma | |
| * Spleen | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 380

TRT#: 4

SEX: Female

DAY ON TEST: 400

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 381

TRT#: 4

SEX: Female

DAY ON TEST: 550

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Granulomatous, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 4

SEX: Female

DAY ON TEST: 654

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4]		
* Lung		Leukemia Mononuclear	
* Ovary		Cyst	Moderate
	[Cyst TGLS = 2-10]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	[Cyst TGLS = 5-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Uterus	Cervix	Cyst	Moderate
	[Cyst TGLS = 3-11]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 4

SEX: Female

DAY ON TEST: 634

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Hydrocephalus	Marked
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Glandular		Ulcer	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 384

TRT#: 4

SEX: Female

DAY ON TEST: 475

DOSE: 625 PPM

DISP: Natural Death

HISTO: 9303224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

- * Intestine Small, Ileum

OBSERVATIONS

- | | | | |
|---------------------------------|---------------|----------------------------------|----------|
| * Brain | | Hydrocephalus | Moderate |
| * Heart | Myocardium | Degeneration | Minimal |
| * Liver | | Basophilic Focus | |
| | | Mixed Cell Focus | |
| [Basophilic Focus TGLS = 2-4] | | | |
| [Mixed Cell Focus TGLS = 2-4] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 1-7] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

Eye [Cataract TGLS = 1-11]	Lens	Cataract	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus Eosinophilic Focus Fibroadenoma	
* Mammary Gland [Fibroadenoma TGLS = 2-12]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Moderate
* Heart	Myocardium	Degeneration	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 388

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
		Carcinoma	
* Mammary Gland			
[Carcinoma TGLS = 2-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390	TRT#: 4	SEX: Female	DAY ON TEST: 288
	DOSE: 625 PPM	DISP: Natural Death	HISTO: 9303230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney	Nephroblastoma
[Nephroblastoma TGLS = 1-11+12]	

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 625 PPM	DISP: Terminal Sacrifice	HISTO: 9303231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 392

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 625 PPM

DISP: Moribund Sacrifice

HISTO: 9303233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Hypothalamus	Hemorrhage	Moderate
		Hydrocephalus	Marked
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-11]			
[Eosinophilic Focus TGLS = 2-11]			
[Mixed Cell Focus TGLS = 2-11]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain	Cerebellum	Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Basophilic Focus TGLS = 3-4]		
* Lung		Inflammation	Granulomatous, Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 2-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Skin		Basal Cell Carcinoma	
	[Basal Cell Carcinoma TGLS = 1-12]		
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Astrocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 2,3,4-4+12+13]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 397

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|-----------------------------------|---------------|--------------------|-------------------|
| * Clitoral Gland | Duct | Cyst | Moderate |
| * Heart | Myocardium | Degeneration | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| [Fibroadenoma TGLS = 1,2-11+12] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 3-7] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-12]			
[Eosinophilic Focus TGLS = 3-12]			
[Mixed Cell Focus TGLS = 3-12]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-13]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 9303240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Basophilic Focus TGLS = 3-11]			
[Eosinophilic Focus TGLS = 2-4]			
* Nose		Inflammation	Suppurative, Mild
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 597

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9302992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Urinary Bladder
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OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin		Ulcer	Moderate
[Ulcer TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Stomach, Glandular		Ulcer	Moderate
* Uterus		Inflammation	Chronic, Mild
[Inflammation TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Ovary	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Pigmentation	Hemosiderin, Mild
* Clitoral Gland		Inflammation	Granulomatous, Minimal
[Inflammation TGLS = 2-10]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455

TRT#: 8

SEX: Female

DAY ON TEST: 700

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2,5-4]		
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 3-11]		
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 4-1]		
	[Leukemia Mononuclear TGLS = 1-11]	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Degeneration	Fatty, Moderate
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Ulcer TGLS = 3-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Ulcer	Minimal
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9302998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Moderate
* Stomach, Glandular		Erosion	Marked
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 583

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9302999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Heart	Myocardium	Degeneration	Mild
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 460	TRT#: 8	SEX: Female	DAY ON TEST: 652
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO: 9303000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 461

TRT#: 8

SEX: Female

DAY ON TEST: 539

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Mammary Gland
* Skin
* Uterus

* Adrenal Medulla
* Clitoral Gland
* Nose
* Stomach, Forestomach

Blood Vessel
* Esophagus
* Ovary
* Stomach, Glandular

* Bone
* Lymph Node, Mesenteric
* Pituitary Gland
* Urinary Bladder

MISSING

* Heart
* Salivary Glands

* Lung
* Thymus

* Lymph Node, Mandibular
* Thyroid Gland

* Parathyroid Gland
* Trachea

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Intestine Small, Ileum

* Intestine Large, Colon
* Intestine Small, Jejunum

* Intestine Large, Rectum
* Islets, Pancreatic

* Intestine Small, Duodenum
* Pancreas

OBSERVATIONS

* Brain
[Leukemia Mononuclear TGLS = 2-11]
* Kidney
* Liver
* Spleen
[Leukemia Mononuclear TGLS = 1-1]

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-12]			
[Eosinophilic Focus TGLS = 3-12]			
[Mixed Cell Focus TGLS = 3-12]			
* Mammary Gland		Metaplasia	Squamous, Moderate
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 4-7]			
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 1-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Cervix	Cyst	Moderate
[Cyst TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303002

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 463

TRT#: 8

SEX: Female

DAY ON TEST: 692

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 2-4]		
* Lung		Inflammation	Granulomatous, Moderate
* Mammary Gland		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-11]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-1]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 585

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
	Valve	Inflammation	Chronic, Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	[Inflammation TGLS = 3-11]		
* Stomach, Glandular		Mineralization	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 611

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 10-14]		
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar, Mediastinal, Renal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3,5,6,9-11+12+13+16]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7-5]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-6]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
	[Inflammation TGLS = 11-15]		
* Thymus		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-2]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland [Cyst TGLS = 1-10]	Duct	Cyst	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Jejunum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Minimal
* Parathyroid Gland		Adenoma	
* Pituitary Gland [Adenoma TGLS = 2-7]	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 467

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone [Hyperostosis TGLS = 4-11]	Cranium	Hyperostosis	Focal, Moderate
* Brain [Degeneration TGLS = 3-5]	Cerebrum	Degeneration	Focal, Moderate
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
* Lung [Hyperplasia TGLS = 6-2]	Alveolar Epith	Hyperplasia	Moderate
* Pituitary Gland [Adenoma TGLS = 2-7]	Pars Distalis	Adenoma	
* Spleen [Fibrosis TGLS = 5-1]		Fibrosis	Minimal
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus [Polyp Stromal TGLS = 1-10]		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 540

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-2+11]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Minimal
[Degeneration TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Glandular		Ulcer	Mild
[Ulcer TGLS = 6-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 1-4]			
[Clear Cell Focus TGLS = 1-4]			
[Mixed Cell Focus TGLS = 1-4]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Moderate
[Leukemia Mononuclear TGLS = 3-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 565

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Degeneration	Marked
[Degeneration TGLS = 4-7]			
* Adrenal Medulla		Degeneration	Marked
[Degeneration TGLS = 4-7]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-11]			
* Heart	Myocardium	Degeneration	Moderate
* Intestine Small, Duodenum		Ulcer	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin		Ulcer	Moderate
[Ulcer TGLS = 1,2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 550

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Abscess	Minimal
		Foreign Body	
* Stomach, Glandular		Ulcer	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 589

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Degeneration	Fatty, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 473

TRT#: 8

SEX: Female

DAY ON TEST: 701

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Osteopetrosis	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Moderate
[Inflammation TGLS = 4-4+12]			
* Lung		Inflammation	Granulomatous, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Inflammation	Granulomatous, Mild
		Pigmentation	Hemosiderin, Mild
[Inflammation TGLS = 2-11]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 578

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose		Inflammation	Suppurative, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Ulcer TGLS = 3-11]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 703

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Degeneration	Moderate
* Intestine Small, Duodenum		Ulcer	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-10]			
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Stomach, Glandular		Erosion	Minimal
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 477

TRT#: 8

SEX: Female

DAY ON TEST: 414

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar, Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4,5-11+12]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-6]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Leukemia Mononuclear	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 479

TRT#: 8

SEX: Female

DAY ON TEST: 556

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Stomach, Glandular		Erosion	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 3-10]			
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Leukemia Mononuclear TGLS = 6-4]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-12+13]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-14]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 481

TRT#: 8

SEX: Female

DAY ON TEST: 646

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|------------------------------|------------|----------------------------------|----------|
| * Clitoral Gland | | Carcinoma | |
| [Carcinoma TGLS = 1-12] | | | |
| * Heart | Myocardium | Degeneration | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Liver | | Basophilic Focus | |
| Lymph Node | Lumbar | Ectasia | Moderate |
| [Ectasia TGLS = 3-11] | | | |
| * Mammary Gland | | Fibroadenoma | |
| [Fibroadenoma TGLS = 2-13] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

- Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 482

TRT#: 8

SEX: Female

DAY ON TEST: 700

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 4-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 483

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [Cyst TGLS = 1-10]	Duct	Cyst	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Granulomatous, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 484

TRT#: 8

SEX: Female

DAY ON TEST: 453

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------------------------|------------|----------------------|-------------------|
| * Heart | Myocardium | Degeneration | Mild |
| * Kidney | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 2-1] | | | |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-1] | | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Inflammation | Chronic, Moderate |

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 485

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 486

TRT#: 8

SEX: Female

DAY ON TEST: 697

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Hyperostosis	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach		Erosion	Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Moderate
[Ulcer TGLS = 6-11]			

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 487	TRT#: 8	SEX: Female	DAY ON TEST: 730
	DOSE: 2500 PPM	DISP: Terminal Sacrifice	HISTO: 9303027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
[Basophilic Focus TGLS = 1-4]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 488

TRT#: 8

SEX: Female

DAY ON TEST: 506

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Inflammation TGLS = 2-11]		Inflammation	Chronic Active, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 489

TRT#: 8

SEX: Female

DAY ON TEST: 432

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|----------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Islets, Pancreatic |
| * Kidney | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

AUTO PRECLUDES DIAG.

- | | | |
|-----------------------------|--------------------------|----------------------------|
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
|-----------------------------|--------------------------|----------------------------|

OBSERVATIONS

- | | | | |
|--------------------------|--------------------------------------|----------------------|----------|
| * Heart | Myocardium | Degeneration | Moderate |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 2-11] | | |
| * Spleen | | Leukemia Mononuclear | |
| | [Leukemia Mononuclear TGLS = 1-1] | | |

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 490

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Clitoral Gland	Duct	Cyst	Minimal
[Cyst TGLS = 4-13]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 491

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 2-4]			
* Lung		Inflammation	Granulomatous, Minimal
Lymph Node	Pancreatic	Inflammation	Granulomatous, Mild
[Inflammation TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 492

TRT#: 8

SEX: Female

DAY ON TEST: 669

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-4]	
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-1]	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 493

TRT#: 8

SEX: Female

DAY ON TEST: 632

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2-1+11]			
* Stomach, Glandular		Erosion	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Ulcer TGLS = 5-13]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 494

TRT#: 8

SEX: Female

DAY ON TEST: 597

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone		Osteopetrosis	Moderate
* Brain		Leukemia Mononuclear	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 495

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-4]	
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-11]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 3-7]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-1]	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 496

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland	* Thymus		
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OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Inflammation TGLS = 3-2]		Inflammation	Granulomatous, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
		Pigmentation	Lipofuscin, Mild
	[Pigmentation TGLS = 3-1]		
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach		Foreign Body	
	Epithelium	Hyperplasia	Mild
		Inflammation	Granulomatous, Mild
		Ulcer	Minimal
	[Ulcer TGLS = 5-11]		
* Stomach, Glandular		Erosion	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303037

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 498

TRT#: 8

SEX: Female

DAY ON TEST: 703

DOSE: 2500 PPM

DISP: Natural Death

HISTO: 9303038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain	Hypothalamus	Hemorrhage	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
* Stomach, Glandular		Erosion	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 499

TRT#: 8

SEX: Female

DAY ON TEST: 633

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO: 9303039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy Pigmentation	Minimal Lipofuscin, Moderate
[Pigmentation TGLS = 4-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Ulcer	Minimal
* Stomach, Glandular		Erosion	Marked
		Ulcer	Minimal
[Ulcer TGLS = 5-11]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 500

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9303040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|---------------------------|---------------------------|-------------------|----------------------------|
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | Centrilobular, Hepatocyte | Hypertrophy | Minimal |
| * Lung | | Carcinoma | Metastatic (Thyroid Gland) |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 2-7] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Carcinoma | |
| | Follicular Cel | Carcinoma | |
| | C Cell | Hyperplasia | Mild |
| [Carcinoma TGLS = 1-11] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 501

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Moderate
[Hyperplasia TGLS = 2-7]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
[Clear Cell Focus TGLS = 1-11]			
[Eosinophilic Focus TGLS = 1-4]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 502 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 646
DOSE: 5000 PPM **DISP:** Moribund Sacrifice **HISTO:** 9302892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Leukemia Mononuclear	
		Necrosis	Moderate
[Necrosis TGLS = 2-4]			
Peritoneum		Inflammation	Granulomatous, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen	Lymph Follic	Atrophy	Marked
		Fibrosis	Minimal
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
* Stomach, Glandular		Erosion	Mild

PRIMARY CAUSE OF DEATH - Liver Centrilobular Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 503

TRT#: 10

SEX: Female

DAY ON TEST: 715

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 2-7]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 504

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Mild
[Cyst TGLS = 1-1]			
* Liver	Centrilobular, Hepatocyte	Basophilic Focus	
		Hypertrophy	Minimal
		Inflammation	Granulomatous, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 3-4]			
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 505

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
	[Hepatodiaphragmatic Nodule TGLS = 1-4]		
* Lung	Interstitium	Inflammation	Chronic, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 506

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Ovary	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Cyst TGLS = 1-10]		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 3-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 4-7]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 507

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-10]			
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Basophilic Focus TGLS = 3-4+11]			
[Clear Cell Focus TGLS = 3-4+11]			
[Eosinophilic Focus TGLS = 3-4+11]			
* Lung		Inflammation	Granulomatous, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2,4-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 508

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
[Eosinophilic Focus TGLS = 2,3-11+12]			
* Lung		Inflammation	Granulomatous, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus	Cervix, Myometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 509

TRT#: 10

SEX: Female

DAY ON TEST: 613

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical, Lumbar, Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5,7,9,11,12,13,14,15-11+12+13+14+15+16+17+18+19]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 510

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye [Inflammation TGLS = 2-11]	Choroid	Inflammation	Chronic, Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
	[Basophilic Focus TGLS = 1-11]		
	[Clear Cell Focus TGLS = 1-11]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
	[Degeneration TGLS = 3-7]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 511

TRT#: 10

SEX: Female

DAY ON TEST: 675

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,5-11+12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 512

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
* Clitoral Gland		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Basophilic Focus	
		Hypertrophy	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-4]			
* Lung		Inflammation	Granulomatous, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 513

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-11]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 514

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Inflammation TGLS = 2-2]		Inflammation	Granulomatous, Minimal
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 515	TRT#: 10	SEX: Female	DAY ON TEST: 624
	DOSE: 5000 PPM	DISP: Moribund Sacrifice	HISTO: 9302905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Pigmentation TGLS = 3-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 516

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-12]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 4-10]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-11]		
* Thyroid Gland	C Cell	Hyperplasia	Moderate
		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 517

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hepatodiaphragmatic Nodule	
		Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
	[Hepatodiaphragmatic Nodule TGLS = 5-4]		
	[Inflammation TGLS = 6-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 4-3]	
* Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLS = 1-11]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 3-12]	
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 2-7]	
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 517

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302907

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 518

TRT#: 10

SEX: Female

DAY ON TEST: 634

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Nephropathy Vacuolization Cytoplasmic	Moderate Marked
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus Eosinophilic Focus Necrosis	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Chronic Active, Minimal
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	C Cell	Erosion	Mild
* Urinary Bladder		Hyperplasia	Minimal
* Uterus		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 2-11+12]			

PRIMARY CAUSE OF DEATH

- Uterus Sarcoma Stromal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 519

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|--------------------------------------|---------------|-----------------------|---------------------|
| * Clitoral Gland | Duct | Cyst | Mild |
| * Heart | Myocardium | Degeneration | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| [Infiltration Cellular TGLS = 4-3] | | | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| [Fibroadenoma TGLS = 1,3-11+12] | | | |
| * Pancreas | Acinus | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 520

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Moderate
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Tubulostromal Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 521	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 5000 PPM	DISP: Terminal Sacrifice	HISTO: 9302911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Mammary Gland	Centrilobular, Hepatocyte	Hypertrophy	Minimal
[Fibroadenoma TGLS = 1-11]		Fibroadenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 522

TRT#: 10

SEX: Female

DAY ON TEST: 669

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Cyst	Moderate
[Cyst TGLS = 2-11]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Lung	Interstitial	Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 523

TRT#: 10

SEX: Female

DAY ON TEST: 413

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
* Heart	Myocardium	Degeneration	Minimal
	Myocardium	Mineralization	Moderate
* Kidney		Inflammation	Chronic Active, Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Pituitary Gland		Angiectasis	Minimal
[Angiectasis TGLS = 2-7]			
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular		Mineralization	Mild
* Urinary Bladder		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 524

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus	Cervix, Myometrium	Hyperplasia	Minimal

[Hyperplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 525

TRT#: 10

SEX: Female

DAY ON TEST: 631

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 2-11]	Hypertrophy	Minimal
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Ovary		Cyst	Moderate
	[Cyst TGLS = 4-10]		
* Pancreas	Acinus	Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 3,5-12]		

PRIMARY CAUSE OF DEATH

- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 526

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
* Lung		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 3-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 527

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart	Myocardium	Fibrosis	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 528

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
[Eosinophilic Focus TGLS = 1-4]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 529

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular, Hepatocyte	Hepatodiaphragmatic Nodule	
		Hypertrophy	Mild
	[Eosinophilic Focus TGLS = 3-4]		
	[Hepatodiaphragmatic Nodule TGLS = 4-11]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-11]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-7]		
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 530

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[Cyst TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 531

TRT#: 10

SEX: Female

DAY ON TEST: 700

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
[Degeneration TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 532

TRT#: 10

SEX: Female

DAY ON TEST: 683

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------------------------|------------|----------------------|---------|
| * Heart | Myocardium | Degeneration | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [Leukemia Mononuclear TGLS = 1-1] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 533

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Skin		Fibroma	
[Fibroma TGLS = 1-11]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Granulomatous, Moderate
		Ulcer	Mild
[Ulcer TGLS = 2-12]			
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 534

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Mild
	Myocardium	Fibrosis	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Lung		Inflammation	Granulomatous, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Moderate
* Uterus		Polyp Stromal	
Zymbal's Gland		Carcinoma	

[Carcinoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 535

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 536

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Marked
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-12]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 537

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4]		
* Lung		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
		Leukemia Mononuclear	
* Spleen			
	[Leukemia Mononuclear TGLS = 1-11]		
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 538

TRT#: 10

SEX: Female

DAY ON TEST: 550

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	[Hepatodiaphragmatic Nodule TGLS = 2-11]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 539

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1+11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 540

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 1-11]			
* Lung		Leukemia Mononuclear	
* Spleen		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 541

TRT#: 10

SEX: Female

DAY ON TEST: 641

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Moderate
* Pituitary Gland		Angiectasis	Minimal
[Angiectasis TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 542

TRT#: 10

SEX: Female

DAY ON TEST: 638

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 543

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 544

TRT#: 10

SEX: Female

DAY ON TEST: 721

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 545

TRT#: 10

SEX: Female

DAY ON TEST: 711

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Ulcer	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 546

TRT#: 10

SEX: Female

DAY ON TEST: 715

DOSE: 5000 PPM

DISP: Moribund Sacrifice

HISTO: 9302936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-7]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 547

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
[Inflammation TGLS = 1-4]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 548

TRT#: 10

SEX: Female

DAY ON TEST: 679

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Brain		Hydrocephalus	Moderate
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-10]			
* Heart	Myocardium	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Hemosiderin, Marked
* Stomach, Forestomach		Ulcer	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 549

TRT#: 10

SEX: Female

DAY ON TEST: 17

DOSE: 5000 PPM

DISP: Natural Death

HISTO: 9302939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Kidney
* Pituitary Gland
* Urinary Bladder

* Adrenal Medulla
* Clitoral Gland
* Mammary Gland
* Skin
* Uterus

* Bone
* Intestine Large, Colon
* Nose
* Stomach, Forestomach

* Bone Marrow
* Intestine Large, Rectum
* Ovary
* Stomach, Glandular

MISSING

Blood Vessel
* Lung
* Salivary Glands
* Trachea

* Esophagus
* Lymph Node, Mandibular
* Spleen

* Heart
* Pancreas
* Thymus

* Islets, Pancreatic
* Parathyroid Gland
* Thyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum
* Lymph Node, Mesenteric

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

OBSERVATIONS

* Liver

Centrilobular

Necrosis

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxazepam

CAS Number: 604-75-1

Date Report Requested: 10/16/2014

Time Report Requested: 02:49:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 550

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9302940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Lung		Inflammation	Granulomatous, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Pigmentation	Hemosiderin, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 551	TRT#: 12	SEX: Female	DAY ON TEST: 729
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Intestine Small, Jejunum [Ulcer TGLS = 3-3]		Ulcer	Marked
* Liver		Basophilic Focus Eosinophilic Focus	
Mesentery [Necrosis TGLS = 1-3]	Fat	Necrosis	Moderate
* Pituitary Gland [Adenoma TGLS = 2-4]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 552	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 6-1]			
[Mixed Cell Focus TGLS = 6-1]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-3]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-4]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 553	TRT#: 12	SEX: Female	DAY ON TEST: 730
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
-----------------------------	------------------------	----------------------

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Mammary Gland [Fibroadenoma TGLS = 1,2-4+5]		Fibroadenoma	Multiple
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 554	TRT#: 12	SEX: Female	DAY ON TEST: 669
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Glandular	Vagina
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OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 555	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Glandular

OBSERVATIONS

* Clitoral Gland [Adenoma TGLS = 1-3]		Adenoma	
* Liver [Hepatodiaphragmatic Nodule TGLS = 2-1]		Basophilic Focus Hepatodiaphragmatic Nodule	
* Stomach, Forestomach [Hyperplasia TGLS = 3-3]	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 556	TRT#: 12	SEX: Female	DAY ON TEST: 725
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Forestomach

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule	
	Centrilobular	Necrosis	Moderate
	[Hepatodiaphragmatic Nodule TGLS = 5-3]		
	[Necrosis TGLS = 4-1]		
* Mammary Gland		Fibroadenoma	Multiple
	[Fibroadenoma TGLS = 1,2-3+4]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 3,7-3+4]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-3]		
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 557	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

Mesentery [Necrosis TGLS = 1-3]	Fat	Necrosis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 558

TRT#: 12

SEX: Female

DAY ON TEST: 725

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Glandular

OBSERVATIONS

* Liver

Basophilic Focus

Histiocytic Sarcoma

Metastatic (Skin)

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 4-1]

Lymph Node

Pancreatic, Renal

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 2,3-3+4]

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 6-3]

* Pituitary Gland

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5-4]

* Skin

Subcut Tiss

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 7-4]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-3]

* Stomach, Forestomach

Leukemia Mononuclear

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 559

TRT#: 12

SEX: Female

DAY ON TEST: 731

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Esophagus
[Necrosis TGLS = 2-3]

Periesoph Tiss

Necrosis

Minimal

* Liver
[Hepatodiaphragmatic Nodule TGLS = 1-1]

Basophilic Focus
Hepatodiaphragmatic Nodule

* Pituitary Gland
[Vacuolization Cytoplasmic TGLS = 3-3]

Pars Distalis

Vacuolization Cytoplasmic

Focal, Mild

* Thyroid Gland
C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 560

TRT#: 12

SEX: Female

DAY ON TEST: 730

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Clitoral Gland

[Adenoma TGLS = 3-3]

Adenoma

* Liver

[Leukemia Mononuclear TGLS = 6-1]

Basophilic Focus

Degeneration

Cystic, Mild

Leukemia Mononuclear

* Mammary Gland

[Fibroadenoma TGLS = 1,2-4+11]

Fibroadenoma

* Spleen

[Inflammation TGLS = 5-12]

[Leukemia Mononuclear TGLS = 4-3]

Fibrosis

Inflammation

Minimal

Leukemia Mononuclear

Granulomatous, Mild

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 561	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 562	TRT#: 12	SEX: Female	DAY ON TEST: 609
	DOSE: 10,000 PPM STOP	DISP: Natural Death	HISTO: 9302802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
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OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Lymph Node	Lumbar, Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-3+4]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 563	TRT#: 12	SEX: Female	DAY ON TEST: 562
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Mammary Gland		Carcinoma Fibroadenoma	Multiple
[Carcinoma TGLS = 2,3-3+4] [Fibroadenoma TGLS = 1-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-3]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[Cyst TGLS = 5-3]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 564	TRT#: 12	SEX: Female	DAY ON TEST: 478
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Glandular
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OBSERVATIONS

* Stomach, Forestomach		Ulcer	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 565

TRT#: 12

SEX: Female

DAY ON TEST: 730

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Liver

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

Mesentery
[Necrosis TGLS = 2-3]

Fat

Necrosis

Moderate

* Ovary
[Cyst TGLS = 1-3]

Cyst

Moderate

* Pituitary Gland
[Adenoma TGLS = 3-3]

Pars Distalis

Adenoma

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 566

TRT#: 12

SEX: Female

DAY ON TEST: 609

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Stomach, Forestomach

* Thyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

* Stomach, Glandular

OBSERVATIONS

* Liver Leukemia Mononuclear

* Pituitary Gland Pars Distalis Adenoma

[Adenoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 567	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-3]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 568

TRT#: 12

SEX: Female

DAY ON TEST: 599

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Glandular

OBSERVATIONS

* Liver

Eosinophilic Focus

Mesentery

Fat

Necrosis

Moderate

[Necrosis TGLS = 1-3]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 2-3]

* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Inflammation

Chronic Active, Minimal

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 569	TRT#: 12	SEX: Female	DAY ON TEST: 662
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
-----------------------------	------------------------	----------------------

OBSERVATIONS

* Kidney [Nephropathy TGLS = 2-3]		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Spleen [Leukemia Mononuclear TGLS = 1-3]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 570	TRT#: 12	SEX: Female	DAY ON TEST: 562
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Glandular
-----------------------------	---------	----------------------

OBSERVATIONS

* Lymph Node, Mandibular [Squamous Cell Carcinoma TGLS = 1-3]		Squamous Cell Carcinoma	Metastatic (Skin)
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Skin [Squamous Cell Carcinoma TGLS = 2-3]		Squamous Cell Carcinoma	
* Stomach, Forestomach		Inflammation Ulcer	Chronic Active, Mild Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 571	TRT#: 12	SEX: Female	DAY ON TEST: 604
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Bone [Inflammation TGLS = 1,2-3+4]		Inflammation	Chronic, Moderate
* Skin [Hyperkeratosis TGLS = 3-5]		Hyperkeratosis	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 572	TRT#: 12	SEX: Female	DAY ON TEST: 585
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Glandular

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1]			
Lymph Node	Lumbar, Mediastinal, Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5,6,7-5+6+7+8]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 9-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 573

TRT#: 12

SEX: Female

DAY ON TEST: 699

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Liver

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

Eye

Lens

Cataract

Moderate

[Cataract TGLS = 1-4]

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 2-5]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 3-3]

* Thyroid Gland

C Cell

Hyperplasia

Minimal

* Uterus

Cervix

Cyst

Moderate

Cervix

Inflammation

Suppurative, Minimal

[Cyst TGLS = 4-6]

[Inflammation TGLS = 5-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 574

TRT#: 12

SEX: Female

DAY ON TEST: 703

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver

Eosinophilic Focus

Mesentery

Fat

Necrosis

Moderate

[Necrosis TGLS = 2-4]

* Ovary

Cyst

Moderate

[Cyst TGLS = 3-3]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 4-3]

* Skin

Fibroma

[Fibroma TGLS = 1-3]

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 575

TRT#: 12

SEX: Female

DAY ON TEST: 714

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

* Intestine Small, Duodenum	Serosa	Inflammation	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 9-4]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Minimal
[Degeneration TGLS = 6-4]			
* Skin		Fibroma	
[Fibroma TGLS = 3-3]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
[Ulcer TGLS = 10-4]			
* Stomach, Glandular	Serosa	Inflammation	Mild
		Ulcer	Moderate
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 576

TRT#: 12

SEX: Female

DAY ON TEST: 719

DOSE: 10,000 PPM STOP

DISP: Natural Death

HISTO: 9302816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Clitoral Gland

Adenoma

[Adenoma TGLS = 3-3]

* Pituitary Gland

Pars Distalis

Degeneration

Cystic, Mild

[Degeneration TGLS = 1-3]

* Skin

Subcut Tiss

Inflammation

Suppurative, Mild

[Inflammation TGLS = 2-4]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 577	TRT#: 12	SEX: Female	DAY ON TEST: 729
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-3]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
[Degeneration TGLS = 2-3]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 578

TRT#: 12

SEX: Female

DAY ON TEST: 731

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Liver

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Clitoral Gland

Inflammation

Suppurative, Moderate

[Inflammation TGLS = 3-3]

* Mammary Gland

Fibroadenoma

Cystic, Marked

[Fibroadenoma TGLS = 1-11]

[Hyperplasia TGLS = 2-4]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 4-3]

* Thyroid Gland

Bilateral, C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 579

TRT#: 12

SEX: Female

DAY ON TEST: 730

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Clitoral Gland

Adenoma

[Adenoma TGLS = 2-3]

* Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 3-1]

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-11]

* Pituitary Gland

Cyst

Moderate

[Cyst TGLS = 4-3]

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 580	TRT#: 12	SEX: Female	DAY ON TEST: 697
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Adrenal Cortex [Adenoma TGLS = 2-3]		Adenoma	
* Liver		Basophilic Focus	
* Mammary Gland [Fibroadenoma TGLS = 1-3]		Fibroadenoma	
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 581	TRT#: 12	SEX: Female	DAY ON TEST: 570
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
-----------------------------	------------------------	----------------------

OBSERVATIONS

* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-1]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-4]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-3]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-3]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 582	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Clitoral Gland [Adenoma TGLS = 3-3]		Adenoma	
* Liver [Leukemia Mononuclear TGLS = 5-1]		Leukemia Mononuclear	
Lymph Node [Leukemia Mononuclear TGLS = 8-6]	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular [Leukemia Mononuclear TGLS = 7-5]		Leukemia Mononuclear	
* Mammary Gland [Fibroadenoma TGLS = 1,2-4+12]		Fibroadenoma	Multiple
Mesentery [Necrosis TGLS = 6-3]	Fat	Necrosis	Mild
* Pituitary Gland [Cyst TGLS = 9-3]		Cyst	Moderate
* Spleen [Leukemia Mononuclear TGLS = 4-11]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 583

TRT#: 12

SEX: Female

DAY ON TEST: 730

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Liver

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Clitoral Gland

Adenoma

[Adenoma TGLS = 2-4]

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-3]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 3-3]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 584	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
[Degeneration TGLS = 3-3]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 585	TRT#: 12	SEX: Female	DAY ON TEST: 669
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum * Stomach, Forestomach

OBSERVATIONS

* Clitoral Gland [Cyst TGLS = 6-3]	Duct	Cyst	Moderate
* Liver [Hepatodiaphragmatic Nodule TGLS = 7-1] [Leukemia Mononuclear TGLS = 1-1]		Hepatodiaphragmatic Nodule Leukemia Mononuclear	
* Pituitary Gland [Adenoma TGLS = 5-3]	Pars Distalis	Adenoma	
* Spleen [Leukemia Mononuclear TGLS = 2-3]		Leukemia Mononuclear	
* Stomach, Glandular [Ulcer TGLS = 8-3]		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 586	TRT#: 12	SEX: Female	DAY ON TEST: 730
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Clitoral Gland [Cyst TGLS = 3-3]	Duct	Cyst	Moderate
* Liver [Hepatodiaphragmatic Nodule TGLS = 4-1] [Leukemia Mononuclear TGLS = 2-3]		Hepatodiaphragmatic Nodule Leukemia Mononuclear	
* Spleen [Leukemia Mononuclear TGLS = 1-11]		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 587	TRT#: 12	SEX: Female	DAY ON TEST: 716
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach
-----------------------------	---------	------------------------

OBSERVATIONS

* Mammary Gland [Fibroadenoma TGLS = 1-3]		Fibroadenoma	
* Pituitary Gland [Adenoma TGLS = 2-4]	Pars Distalis	Adenoma	
* Stomach, Glandular		Ulcer	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 588	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
-----------------------------	------------------------	----------------------

OBSERVATIONS

* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-4+11]			
* Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
[Degeneration TGLS = 3-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 589

TRT#: 12

SEX: Female

DAY ON TEST: 730

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver

Leukemia Mononuclear

Necrosis

Focal, Minimal

* Thyroid Gland

C Cell

Hyperplasia

Mild

* Uterus

Sarcoma Stromal

[Sarcoma Stromal TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 590

TRT#: 12

SEX: Female

DAY ON TEST: 646

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Liver

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 1-3]

* Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 591

TRT#: 12

SEX: Female

DAY ON TEST: 729

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver

Degeneration

Cystic, Minimal

Eosinophilic Focus

* Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1,2-3+4]

* Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 592	TRT#: 12	SEX: Female	DAY ON TEST: 730
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Clitoral Gland [Cyst TGLS = 1-3]	Duct	Cyst	Moderate
* Liver		Basophilic Focus Eosinophilic Focus	
Mesentery [Necrosis TGLS = 2-3]	Fat	Necrosis	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 593

TRT#: 12

SEX: Female

DAY ON TEST: 731

DOSE: 10,000 PPM STOP

DISP: Terminal Sacrifice

HISTO: 9302833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Stomach, Forestomach

* Stomach, Glandular

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Liver

Basophilic Focus

* Thyroid Gland

C Cell

Hyperplasia

Moderate

* Uterus

Cervix, Myometrium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 594

TRT#: 12

SEX: Female

DAY ON TEST: 715

DOSE: 10,000 PPM STOP

DISP: Moribund Sacrifice

HISTO: 9302834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum

* Stomach, Forestomach

* Stomach, Glandular

OBSERVATIONS

* Liver

Basophilic Focus

Eosinophilic Focus

[Eosinophilic Focus TGLS = 4-1]

* Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1,2-3+4]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 3-3]

* Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 595	TRT#: 12	SEX: Female	DAY ON TEST: 729
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

Eye [Cataract TGLS = 1-3]	Lens	Cataract	Moderate
* Liver * Mammary Gland [Fibroadenoma TGLS = 2-3]		Basophilic Focus Fibroadenoma	
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 596	TRT#: 12	SEX: Female	DAY ON TEST: 506
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Stomach, Glandular

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Marked
[Ulcer TGLS = 3-3]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 597	TRT#: 12	SEX: Female	DAY ON TEST: 731
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Mammary Gland [Fibroadenoma TGLS = 1-11]		Fibroadenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 598	TRT#: 12	SEX: Female	DAY ON TEST: 718
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
-----------------------------	------------------------	----------------------

OBSERVATIONS

* Clitoral Gland [Adenoma TGLS = 2-3]		Adenoma	
* Liver		Basophilic Focus Eosinophilic Focus	
* Pituitary Gland [Adenoma TGLS = 3-3]	Pars Distalis	Adenoma	
* Salivary Glands [Myoepithelioma TGLS = 1-3]		Myoepithelioma	
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 599	TRT#: 12	SEX: Female	DAY ON TEST: 562
	DOSE: 10,000 PPM STOP	DISP: Moribund Sacrifice	HISTO: 9302839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Liver	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Pituitary Gland [Adenoma TGLS = 1-3]	Pars Distalis	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05212-05
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oxazepam
CAS Number: 604-75-1

Date Report Requested: 10/16/2014
Time Report Requested: 02:49:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 600	TRT#: 12	SEX: Female	DAY ON TEST: 730
	DOSE: 10,000 PPM STOP	DISP: Terminal Sacrifice	HISTO: 9302840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3,4-1]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-4]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2,5-3+4]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 6-3]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE