

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

C Number:	C00544
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C00544
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Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Spleen Unspecified	Cortex Nos	Degeneration, Nos Hematopoiesis Fibrosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Parathyroid gland		Hyperplasia, Nos	
Stomach		Calcification, Nos	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Calculus, Unknown Gross Or Micro	
		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Prostate		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Meninges	Inflammation, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Acute	
Stomach		Ulcer, Focal	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_005	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Spleen		Hematopoiesis	
Stomach		Ulcer, Focal	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_006	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Prostate		Inflammation, Nos	
Stomach		Ulcer, Focal	
Testis		Atrophy, Nos	
Unspecified		Fibrosarcoma	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

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Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Spleen		Hematopoiesis	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Degeneration, Nos	
		Metamorphosis, Fatty	
Pituitary gland		Chromophobe Adenoma	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_009	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Calcification, Medial	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pancreas		Periarteritis	
Stomach		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_010	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Spleen		Hematopoiesis	
Thyroid		Follicular-Cell Adenoma	
		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Skin		Cyst, Epidermal Inclusion	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_012	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Meninges	Inflammation, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Spleen		Hematopoiesis	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_013	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Natural Death	HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Duodenum	Calcification, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Calcification, Nos	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
		Calcification, Nos	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_014	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Pericardium Nos	Degeneration, Nos Inflammation, Nos Inflammation, Chronic Metamorphosis, Fatty Pneumonia, Chronic Murine	
Kidney			
Liver			
Lung			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_015	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
		Periarteritis	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Pneumonia, Chronic Murine	
Lymph node	Cervical Lymph Node Nos	Inflammation, Nos	
Pancreas		Periarteritis	
Pituitary gland		Cyst, Nos	
Testis		Atrophy, Nos	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Calcification, Focal	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_017	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Calcification, Nos	
	Cortex Nos	Degeneration, Nos	
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Stomach		Calcification, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_018	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Parathyroid gland		Hyperplasia, Nos	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Test Type: Long-Term
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Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019	TRT#: 1 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Pancreas		Arteriosclerosis, Nos	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Chromophobe Adenoma	
Stomach		Calcification, Nos	
Testis		Arteriosclerosis, Nos	
		Atrophy, Nos	
Trachea		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_020	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
		Periarteritis	
Intestine Small	Duodenum	Calcification, Nos	
	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Lung		Pneumonia, Chronic Murine	
Pancreas		Periarteritis	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Hyperplasia, Nos	
Prostate		Inflammation, Nos	
Spleen		Hematopoiesis	
Testis		Atrophy, Nos	
		Periarteritis	
Thyroid		Cystic Follicles	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_001	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Centrilobular	Necrosis, Nos	
Lung		Abscess, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Abscess, Nos	
Parathyroid gland		Hyperplasia, Nos	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Epididymis		Necrosis, Fat	
Heart	Myocardium Nos	Degeneration, Nos	
Prostate		Inflammation, Nos	
Skeletal muscle		Inflammation, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Esophagus		Dilatation, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Spleen		Hyperplasia, Nos	
Stomach		Ulcer, Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_006	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Pericardium Nos	Inflammation, Nos	
Intestine Large	Colon	Inflammation, Nos	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Pneumonia, Chronic Murine	
Stomach		Calcification, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_007	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Pericardium Nos	Inflammation, Nos	
Kidney		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Abscess, Nos	
	Pleura Nos	Inflammation, Nos	
Spleen		Hematopoiesis	
Stomach		Inflammation, Nos	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_008	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_009	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Pancreas		Periarteritis	
Stomach		Calcification, Nos	
		Ulcer, Focal	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Inflammation, Acute	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Oligodendroglioma	
Lung		Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hemangiosarcoma, Metastatic	
Spleen		Hematopoiesis	
Unspecified		Hemangiosarcoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_013	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
		Metamorphosis, Fatty	
Pancreas		Periarteritis	
Pituitary gland		Hyperplasia, Nos	
Testis		Atrophy, Nos	
Thyroid		Cystic Follicles	
Trachea		Inflammation, Nos	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_014	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Calculus, Unknown Gross Or Micro	
		Inflammation, Chronic	
Pancreas		Atrophy, Nos	
Skin		Inflammation, Nos	
Spleen		Hematopoiesis	
Testis		Atrophy, Nos	
Urinary bladder		Calculus, Unknown Gross Or Micro	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Prostate		Hypertrophy, Nos	
		Inflammation, Nos	
Salivary gland		Mixed Tumor, Benign	
Seminal vesicle		Hypertrophy, Nos	
PRIMARY CAUSE OF DEATH		-	

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Intestine Large Kidney Liver Pituitary gland	Cortex Nos Large Intestine, Colon	Degeneration, Nos Parasitism Inflammation, Chronic Degeneration, Nos Chromophobe Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Inflammation, Acute	
Prostate		Inflammation, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
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Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Inflammation, Acute	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Eye		Cataract	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_020	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Brain	Meninges	Inflammation, Nos	
Heart	Pericardium Nos	Inflammation, Nos	
Kidney		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Liver		Metamorphosis, Fatty	
	Centrilobular	Necrosis, Nos	
Lung		Abscess, Nos	
Lymph node		Inflammation, Nos	
Prostate		Inflammation, Nos	
Trachea		Inflammation, Nos	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_021	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Thyroid		Cystic Follicles	
		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_022	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic Nephropathy, Toxic	
Liver		Metamorphosis, Fatty	
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cyst, Nos	
		Degeneration, Nos	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Colon	Inflammation, Nos	
Intestine Small	Ileum	Inflammation, Nos	
Kidney		Hamartoma	
		Inflammation, Chronic	
Liver		Degeneration, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Stomach		Calcification, Nos	
Trachea		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_025	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Calcification, Nos	
Prostate		Inflammation, Nos	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
Trachea		Inflammation, Nos	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_026	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Intestine Large	Colon	Inflammation, Nos	
Intestine Small	Ileum	Inflammation, Nos	
Kidney		Abscess, Nos	
		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Abscess, Nos	
Pancreas		Periarteritis	
Spleen		Hematopoiesis	
Trachea		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Pneumonia, Chronic Murine	
Pancreas	Islets	Hyperplasia, Nos	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Intestine Small Kidney Pancreas	Mesentery Nos	Periarteritis Inflammation, Chronic Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_029	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Periarteritis	
Intestine Large	Colon	Inflammation, Nos	
Intestine Small	Ileum	Inflammation, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pancreas		Periarteritis	
Testis		Atrophy, Nos	
		Periarteritis	
Thymus		Hemorrhage	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Testis		Atrophy, Nos	
Thyroid		Follicular-Cell Adenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_031	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Degeneration, Nos	
Lung		Pneumonia, Chronic Murine	
Spleen		Hemangioma	
Thyroid		Cystic Follicles	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_032	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Large Intestine, Colon	Parasitism	
Kidney		Inflammation, Chronic	
Lymph node		Inflammation, Nos	
Pancreas		Periarteritis	
Pituitary gland		Chromophobe Adenoma	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Inflammation, Nos	
Pancreas	Duct Nos	Hyperplasia, Nos	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Stomach		Ulcer, Focal	
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_035	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Liver		Degeneration, Nos	
	Centrilobular	Necrosis, Nos	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Lymph node		Inflammation, Nos	
Pituitary gland		Cyst, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_037	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
		Degeneration, Nos	
Pancreas		Periarteritis	
Pituitary gland		Chromophobe Adenoma	
Testis		Atrophy, Nos	
		Periarteritis	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lymph node		Inflammation, Nos	
Nasal cavity	Turbinate Nos	Osteosarcoma	
Prostate		Inflammation, Nos	
Stomach		Acanthosis	
		Hyperkeratosis	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Lung		Inflammation, Acute	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
Pituitary gland		Chromophobe Adenoma	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_041	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Brain		Oligodendroglioma	
Heart	Pericardium Nos	Inflammation, Nos	
Intestine Large	Colon	Inflammation, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Lung		Abscess, Nos	
		Fibrosarcoma, Metastatic	
	Pleura Nos	Inflammation, Nos	
Lymph node		Inflammation, Nos	
Prostate		Inflammation, Nos	
Unspecified		Fibrosarcoma	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_043	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Esophagus		Dilatation, Nos	
Kidney		Abscess, Nos	
		Nephropathy, Toxic	
Lung		Abscess, Nos	
Salivary gland		Mixed Tumor, Benign	
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:02

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Prostate		Inflammation, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Degeneration, Nos	
		Metamorphosis, Fatty	
Lymph node		Inflammation, Nos	
Pituitary gland		Chromophobe Adenoma	
Testis		Atrophy, Nos	
Unspecified		Lipoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_046	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 188 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Lung		Abscess, Nos	
		Inflammation, Acute	
Trachea		Inflammation, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_047	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos Hyperplasia, Nos	
Blood vessel	Aorta Nos	Calcification, Medial	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Lymph node		Inflammation, Nos	
Pituitary gland		Chromophobe Adenoma	
Testis		Atrophy, Nos	
Thyroid		Follicular-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_049	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Abscess, Nos	
Pancreas		Arteriosclerosis, Nos	
Prostate		Inflammation, Nos	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
		Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_050	TRT#: 2 DOSE: 188 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Pneumonia, Chronic Murine	
Prostate		Inflammation, Nos	
Skin		Cyst, Epidermal Inclusion	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_001	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 375 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Liver	Centrilobular	Cytoplasmic Vacuolization	
Pancreas		Periarteritis	
Spleen		Hematopoiesis	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
		Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Hyperplasia, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Cyst, Nos	
Spleen		Hematopoiesis	
		Hemorrhage	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Intestine Large Lung Trachea	Cortex Nos Large Intestine, Colon	Degeneration, Nos Parasitism Inflammation, Acute Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_004	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic Nephropathy, Toxic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Nos	
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_005	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 375 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Liver		Degeneration, Nos	
	Bile Duct	Hyperplasia, Nos	
Lung		Pneumonia, Chronic Murine	
Prostate		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Lung		Inflammation, Acute	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Kidney Lung	Cortex Nos	Degeneration, Nos Inflammation, Chronic Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Bone		Fibrous Osteodystrophy	
Kidney		Inflammation, Chronic	
Liver		Degeneration, Nos	
	Bile Duct	Hyperplasia, Nos	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Intestine Large Lung	Large Intestine, Colon	Parasitism Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Calcification, Nos	
		Cyst, Nos	
		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Prostate		Hypertrophy, Nos	
Seminal vesicle		Hypertrophy, Nos	
Stomach		Calcification, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Acute	
Pancreas	Islets	Islet-Cell Adenoma	
Pituitary gland		Chromophobe Adenoma	
Prostate		Inflammation, Nos	
Urinary bladder		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Hyperplasia, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Lymph node		Angiectasis	
Thyroid		Inflammation, Nos	
		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Calculus, Unknown Gross Or Micro	
		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pancreas	Islets	Islet-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_014	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Eye		Cataract	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Prostate		Atrophy, Nos	
Seminal vesicle		Atrophy, Nos	
Thyroid		Cystic Follicles	
		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
Lung		Pneumonia, Chronic Murine	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Lung		Inflammation, Acute	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 375 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Hyperplasia, Chromophobe Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_018	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Seminal vesicle		Atrophy, Nos	
Thyroid		Hyperplasia, Follicular Cell	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_019	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large Kidney	Large Intestine, Colon	Parasitism Calculus, Unknown Gross Or Micro Inflammation, Chronic	
Liver Lung	Bile Duct	Hyperplasia, Nos Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Eye		Inflammation, Nos	
Lung		Inflammation, Acute	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
	Aorta Nos	Periarteritis	
Bone		Fibrous Osteodystrophy	
Heart		Arteriosclerosis, Nos	
		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
	Ileum	Periarteritis	
	Mesentery Nos	Periarteritis	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Abscess, Nos	
		Calcification, Nos	
Pancreas		Arteriosclerosis, Nos	
		Periarteritis	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
		Periarteritis	
Trachea		Inflammation, Acute	
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_022	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Degeneration, Nos	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Spleen		Hyperplasia, Nos	
Thyroid		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Astrocytoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_024	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 375 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland		Calcification, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Large	Cecum, Colon	Inflammation, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
		Thrombosis, Nos	
Parathyroid gland		Hyperplasia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Lung		Abscess, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_028	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Degeneration, Nos	
Lung		Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_029	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lymph node		Inflammation, Nos	
Spleen		Hematopoiesis	
Stomach		Calcification, Nos	
Testis		Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Cyst, Nos	
Lung		Pneumonia, Chronic Murine	
Stomach		Squamous Cell Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Lung		Inflammation, Acute	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_032	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
		Tubular-Cell Adenoma	
Lung		Pneumonia, Chronic Murine	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Liver		Abscess, Nos	
	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Cyst, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Seminal vesicle		Atrophy, Nos	
Spleen		Abscess, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_036	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Arteriosclerosis, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Calcification, Nos	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Hyperplasia, Nos	
Spleen		Hematopoiesis	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_037	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 375 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Pancreas		Periarteritis	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Chromophobe Adenoma	
Spleen		Hematopoiesis	
Testis		Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Large Intestine, Colon	Parasitism	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Lymph node		Inflammation, Nos	
Pancreas		Periarteritis	
Prostate		Inflammation, Nos	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
		Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Arteriosclerosis, Nos	
Bone		Fibrous Osteodystrophy	
Heart		Arteriosclerosis, Nos	
		Calcification, Nos	
	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos	
Kidney		Calcification, Nos	
		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Lung		Calcification, Nos	
		Pneumonia, Chronic Murine	
Pancreas		Arteriosclerosis, Nos	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Hyperplasia, Nos	
Prostate		Inflammation, Nos	
Spleen		Hematopoiesis	
Stomach		Calcification, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_041	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Large Intestine, Colon	Hyperplasia, Nos	
Intestine Large		Parasitism	
Kidney		Calculus, Unknown Gross Or Micro	
		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Chromophobe Adenoma	
Prostate		Atrophy, Nos	
Seminal vesicle		Atrophy, Nos	
Spleen		Hemangioma	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_042	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
	Pelvis	Inflammation, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Prostate		Inflammation, Nos	
Testis		Atrophy, Nos	
		Periarteritis	
Thyroid		Follicular-Cell Adenoma	
Trachea		Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Intestine Large	Large Intestine, Colon	Parasitism	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Cyst, Nos	
Testis		Atrophy, Nos	
Thyroid		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Calculus, Unknown Gross Or Micro	
Liver		Degeneration, Nos	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Colon	Inflammation, Nos	
Intestine Small	Ileum	Inflammation, Nos	
Kidney		Inflammation, Chronic	
Lung		Inflammation, Acute	
Lymph node		Inflammation, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_046	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Lung		Pneumonia, Chronic Murine	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_047	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Ileum	Inflammation, Nos	
	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Pancreas		Periarteritis	
Stomach		Calcification, Nos	
Testis		Atrophy, Nos	
		Periarteritis	
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Mexacarbate
CAS Number: 315-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Kidney Lung Pancreas	Cortex Nos	Degeneration, Nos Inflammation, Chronic Pneumonia, Chronic Murine Periarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00544

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mexacarbate

CAS Number: 315-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Large Intestine, Colon	Parasitism	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Pneumonia, Chronic Murine	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_050	TRT#: 3 DOSE: 375 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Intestine Large	Large Intestine, Colon	Parasitism	
Kidney		Calculus, Unknown Gross Or Micro	
Lung		Pneumonia, Chronic Murine	
Pituitary gland		Cyst, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE