

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:10
First Dose M/F: NA / NA
Lab: BAT

C Number:	C56042B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	10/31/1990

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 860001
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 3-11			
Pancreas	Artery	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Mild
Sem Ves			
Note: AT NECROPSY			
Note: NO CORRESP LESION FOR SEMINAL VESICLE SMALLNESS SEEN			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 681 HISTO: 860002
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 3-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 94 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney	Interstit Tiss	Inflammation	Chronic, Multifocal, Minimal
Lung	Peribronchiolr	Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 659 HISTO: 860004
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Rectum	Edema	Marked
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR LUNG FOCI SEEN AT TRIM			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Stomach	Glandular	Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860004

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 645 HISTO: 860005
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Nose	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy	
Eye	Cornea	Mineralization	Mild
Note: [MINERALIZATION] TGLs = 1-11			
Heart	Myocardium	Degeneration	Moderate
	Myocardium	Mineralization	Mild
Note: [MINERALIZATION] TGLs = 5-4			
Intestine Large	Colon	Mineralization	Mild
Note: [MINERALIZATION] TGLs = 6-6			
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 4-1			
Lung	Interstitium	Mineralization	Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Artery	Inflammation	Chronic, Minimal
Parathyroid Gland		Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin		Basosquamous Tumor Malignant Keratoacanthoma	
Note: [KERATOACANTHOMA] TGLs = 2-13			
Note: [BASOSQU TM MAL] TGLs = 3-12			
Stomach	Forestomach	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 645 HISTO: 860005
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Glandular, Mucosa Bilateral, Interstit Cell	Mineralization Adenoma	Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: C O MORB: NEPHROPATHY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 860006
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain	Medulla	Pheochromocytoma Benign	
		Infarct	Moderate
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 5-14			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 3-13			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose	Nares	Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Stomach	Glandular	Ulcer	Moderate
Note: [ULCER] TGLs = 6-15			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 860006
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes Note: [ADENOMA] TGLs = 1-11	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Inflammation	Granulomatous, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Stomach	Glandular, Mucosa	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 96 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Lung	Bronchus	Foreign Body	Single, Minimal
	Peribronchiolr	Inflammation	Chronic, Multifocal, Minimal
Note: LUNG FOREIGN BODY COMPLEX IN STRUCTURE.			
Note: CENTER AND CRYSTALLINE MATERIAL AT PERIPHERY			
Note: BASOPHILIC, PROBABLY BIOLOGICAL MATERIAL IN			
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Mild
Urinary Bladder	Lumen	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain		Infarct	Mild
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 8-5			
Heart		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 6-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4,5-2+12			
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860010

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 2-10

Note: [ATROPHY] TGLs = 3-10

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

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Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Minimal
Preputial Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Prostate		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 702

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,4,5,7,8-6+7+11+12+13+14+15+16			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 702

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860012

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LEUKEMIA MONUC] TGLs = 3,10-14+17

Note: [FIBROSIS] TGLs = 9-14+17

Stomach	Glandular, Mucosa	Mineralization	Minimal
	Glandular	Ulcer	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

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: 860013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
Liver		Basophilic Focus	
Pancreas	Artery	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 584

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3,4-4+12			
Lung		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Stomach	Glandular	Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 336

DOSE: 0 PPM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Thymus

AUTO PRECLUDES DIAG.

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

Adrenal Gland			
Note: NO CORRESP LESION FOR ADRENAL GL ENLARGEMENT SEEN AT NECR			
Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
Lymph Node	Mediastinal, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 1-2			
Mesentery		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 4-12+13			
Seminal Vesicle		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 4-12+13			
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-11			
Testes		Necrosis	Coagulative, Marked
Note: [NECROSIS] TGLs = 3-10			
Urinary Bladder		Inflammation	Necrotizing, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 336

DOSE: 0 PPM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [INFLAMMATION] TGLs = 4-12+13

PRIMARY CAUSE OF DEATH -

Animal Note: RENAL FAILURE

Animal Note: C O DEATH: NECROTIZING INFLAMMATION OF URINARY BLADDER,

Animal Note: PROSTATE, SEMINAL VESICLES; SECONDARY OBSTRUCTIVE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Brain		Gliosis	Marked
		Granular Cell Tumor Benign	
Note: [GLIOSIS] TGLs = 3-5+12			
Note: [GRA CL TUM BGN] TGLs = 3-12			
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 2-11			
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: GRANULAR CELL TUMOR OF BRAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 539

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
	Myocardium	Inflammation	Suppurative, Mild
	Valve	Inflammation	Chronic Active, Marked
		Leukemia Mononuclear	
Note: [INFLAMMATION] TGLs = 10-4			
Kidney		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
		Nephropathy	Mild
Note: [NEPHROPATHY] TGLs = 9-1			
Note: [LEUKEMIA MONUC] TGLs = 9-1			
[Nephropathy TGLS = 9-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-17			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,2,5,6-2+5+11+12+14+15			
Mammary Gland		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860018

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: [FIBROSIS] TGLs = 4-13			
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Stomach	Forestomach	Ulcer	Moderate
	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 11-18			
Note: [ULCER] TGLs = 12-19			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 7-16			
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicle	Dilatation	Moderate
	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 96

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Nodular, Minimal
Heart	Myocardium	Inflammation	Chronic, Multifocal, Mild
Kidney	Interstit Tiss	Inflammation	Chronic, Multifocal, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Stomach	Epithelium, Forestomach	Acanthosis	Focal, Mild
	Epithelium, Forestomach	Hyperkeratosis	Focal, Mild
	Glandular, Mucosa	Hyperplasia	Focal, Mild
	Forestomach	Inflammation	Subacute, Focal, Mild
	Glandular	Inflammation	Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Multifocal, Minimal
Kidney			
Note: SPACE IN LEFT RENAL MEDULLA CONSIDERED TO BE ARTIFACT			
Lung	Bronchus, Epithelium	Hyperplasia	Multifocal, Minimal
Urinary Bladder	Lumen	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 488

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Jejunum	Mammary Gland
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OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Bacterium	
		Basophilic Focus	
		Necrosis	Coagulative, Moderate
Note: [NECROSIS] TGLs = 2-4+11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LIVER INFLAMMATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Ear	Pinna	Squamous Cell Papilloma	
Note: [PAPILOMA SQUA] TGLs = 1-12			
Heart	Myocardium	Degeneration	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2,5-11+14			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860022

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Infarct	Marked
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate
Spleen		Infarct	Marked
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-12			
Stomach	Glandular	Ulcer	Moderate
Note: [ULCER] TGLs = 5,6-14			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860023

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 2-11

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Kidney
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Small - Ileum
Liver
Pancreas
Prostate
Spleen
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

OBSERVATIONS

Harderian Gland
Heart
Intestine Large
Lymph Node

Urin Bladder

Myocardium
Colon
Mandibular
Mesenteric

Inflammation
Inflammation
Parasite Metazoan
Infiltration Cellular
Infiltration Cellular

Chronic, Multifocal, Minimal
Chronic, Multifocal, Mild

Histiocyte, Mild
Histiocyte, Minimal

Note: NOT CONSIDERED TO BE A LESION OF DISEASE

Note: EOSINOPHILIC PLUG IN URINARY BLADDER LUMEN

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Clear Cell Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

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: 860026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Moderate
Kidney		Cyst	
		Nephropathy	Marked
Note: [CYST] TGLs = 5-14 [Nephropathy TGLS = 3-11]			
Liver		Basophilic Focus	
		Clear Cell Focus	
Note: [CLEAR CL FOCUS] TGLs = 4-14			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Skin		Basosquamous Tumor Malignant	
Note: [BASOSQU TM MAL] TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 484

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Oligodendroglioma Benign	
Note: [OLIGODENDR BGN] TGLs = 1-5+11			
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Minimal
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: OLIGODENDROGLIOMA OF BRAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Prostate

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Marked
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 1-11			
Note: [ADENOMA] TGLs = 2,3-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Mild
	Atrium	Dilatation	Marked
		Leukemia Mononuclear	
Note: [DILATATION] TGLs = 7-15			
Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5,6-2+13+14			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860029

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 4-12

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 96

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Multifocal, Mild
Kidney	Interstit Tiss	Inflammation	Chronic, Multifocal, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Nose	Sinus	Inflammation	Chronic Active, Mild
Stomach	Epithelium, Forestomach	Acanthosis	Focal, Mild
	Epithelium, Forestomach	Hyperkeratosis	Focal, Mild
	Forestomach	Inflammation	Chronic, Focal, Minimal
Urin Bladder			

Note: NOT CONSIDERED TO BE A LESION OF DISEASE

Note: EOSINOPHILIC PLUG PRESENT IN URINARY BLADDER LUMEN

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Ear	Middle Ear	Abscess	Marked
	Middle Ear	Squamous Cell Papilloma	
Note: [PAPILLOMA SQUA] TGLs = 2-12+15			
Note: [ABSCESS] TGLs = 2-15			
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
Liver		Basophilic Focus	
		Clear Cell Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 6-16			
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Squamous Cell Papilloma	
Note: [PAPILLOMA SQUA] TGLs = 1-11			
Spleen			
Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Prostate
Spleen
Thymus

OBSERVATIONS

Heart
Lung
Lymph Node

Myocardium
Peribronchiolr
Mesenteric

Inflammation
Inflammation
Infiltration Cellular

Chronic, Multifocal, Minimal
Chronic, Multifocal, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

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: 860033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	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
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-11			
Stomach	Glandular	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 4-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2,3-12			
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 7-11			
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Necrosis	Coagulative, Minimal
Note: [LEUKEMIA MONUC] TGLs = 5,12-4+15			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2+3]			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 9-13			
Mammary Gland		Hyperplasia	Cystic, Marked
Parathyroid Gland		Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Sem Ves			
Note: NO CORRESP LESION FOR SMALL SEMINAL VESICLE SEEN AT NECR			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-1]			
[Leukemia Mononuclear TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860035

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular, Mucosa	Mineralization	Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 2-12			
Note: [ADENOMA] TGLs = 1-12			
Thymus		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 9-13			
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 8-7			
Tongue		Acanthosis Hyperkeratosis	Moderate Moderate
Note: [HYPERKERATOSIS] TGLs = 11-14			
Note: [ACANTHOSIS] TGLs = 11-14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

OBSERVATIONS

Heart

Myocardium

Inflammation

Chronic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Moderate
Note: [MINERALIZATION] TGLs = 4-14			
Bone	Femur	Fibrous Osteodystrophy	
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Mild
	Myocardium	Mineralization	Moderate
Intestine Large	Rectum	Mineralization	Moderate
Note: [MINERALIZATION] TGLs = 7-16			
Intestine Small	Ileum	Mineralization	Minimal
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
Lung	Interstitium	Mineralization	Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 2-7+12			
Pancreas	Artery	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 10-18]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:10
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 860037
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach Glandular, Mucosa	Mineralization Mineralization	Mild Moderate
Note: [MINERALIZATION] TGLs = 6-15			
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 8-17			
Note: [ADENOMA] TGLs = 9-17			
Thyroid Gland	C Cell Follicle	Adenoma Adenoma	
Note: [ADENOMA] TGLs = 3-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 1-11			
Prostate		Inflammation	Suppurative, Minimal
Sem Ves			
Note: AT NECROPSY			
Note: NO CORRRESP LESION FOR SEMINAL VESICLE SMALLNESS SEEN AT			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 3-10			
Note: [ATROPHY] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 2-11			
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Kidney
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Small - Ileum
Liver
Pancreas
Prostate
Spleen
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

OBSERVATIONS

Harderian Gland
Heart
Intestine Large
Lymph Node

Myocardium
Colon
Mandibular
Mesenteric

Inflammation
Inflammation
Parasite Metazoan
Infiltration Cellular
Infiltration Cellular

Chronic, Multifocal, Minimal
Chronic, Multifocal, Minimal
Histiocyte, Minimal
Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
	[Nephropathy TGLS = 4-1]		
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 3-4+12		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 1-11		
Stomach	Forestomach	Ulcer	Marked
	Note: [ULCER] TGLs = 5-6+14		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: [ADENOMA] TGLs = 2-13		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860041

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 83

DOSE: 0 PPM

DISP: Drowned

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Prostate
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: DROWNING

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Minimal
Preputial Gland		Adenoma	
[Adenoma TGLS = 1-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 83

DOSE: 0 PPM

DISP: Drowned

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

OBSERVATIONS

Heart

Myocardium

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: DROWNING

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 83
	DOSE: 0 PPM	DISP: Drowned	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
-------	------------	--------------	---------

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: DROWNING

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Skin
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Prostate
Spleen
Trachea

OBSERVATIONS

Kidney
Liver
Preputial Gland
Testes
Thyroid Gland

Interstitial Cell
C Cell
C Cell

Nephropathy
Inflammation
Inflammation
Adenoma
Adenoma
Hyperplasia

Multifocal, Minimal
Granulomatous, Minimal
Chronic, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Skin

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	
Intestine Large	Cecum	Ulcer	Moderate
Note: [ULCER] TGLs = 3,4-6+13			
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Spleen
Urinary Bladder

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Forestomach

Brain
Intestine Large - Rectum
Islets, Pancreatic
Nose
Seminal Vesicle
Thymus

Epididymis
Intestine Small - Duodenum
Lung
Parathyroid Gland
Skin
Trachea

OBSERVATIONS

Adrenal Gland
Bone
Heart
Intestine Large
Kidney
 Note: [NEPHROPATHY] TGLs = 2-1
Liver
Mammary Gland
Pancreas

Preputial Gland
Prostate
Stomach
Testes
 [Adenoma TGLS = 1-11]
Thyroid Gland

Cortex
Femur
Myocardium
Cecum

Acinus
Artery

Glandular, Mucosa
Bilateral, Interstit Cell

C Cell

Hyperplasia
Fibrous Osteodystrophy
Degeneration
Inflammation
Nephropathy

Basophilic Focus
Hyperplasia
Atrophy
Inflammation
Inflammation
Inflammation
Mineralization
Adenoma

Hyperplasia

Mild

Mild
Chronic, Moderate
Marked

Cystic, Minimal
Minimal
Chronic, Minimal
Chronic, Mild
Suppurative, Minimal
Mild

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 675

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 5-1]		
Liver		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 4-13		
Lung	Interstitial	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	Note: [INFLAMMATION] TGLs = 7-3+15		
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 3-12		
Stomach	Glandular	Inflammation	Chronic, Minimal
	Note: [INFLAMMATION] TGLs = 6-14		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 675

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860049

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ATROPHY] TGLs = 1-11

Note: [ADENOMA] TGLs = 2-11

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:10
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Interstit Tiss	Inflammation	Chronic, Multifocal, Minimal
Lung	Peribronchiolr	Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 530

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3,5-4			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-2+3			
Lymph Node	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,2-11			
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-13			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
[Leukemia Mononuclear TGLs = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 5,6-10+12			
Thyroid Gland	Follicle	Dilatation	Mild
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Moderate
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Moderate
Kidney		Adenoma	
		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 2-12+13			
Note: [ADENOMA] TGLs = 3-13			
Parathyroid Gland		Hyperplasia	Marked
Preputial Gland		Inflammation	Chronic, Mild
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Stomach	Glandular, Mucosa	Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Dilatation	Mild
Urinary Bladder		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 5-14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860053

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O DEATH: NEPHROPATHY, SUPPURATIVE INFLAMMATION OF

Animal Note: URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Hypoplasia	Marked
Note: [HYPOPLASIA] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 3-13	Medulla	Pheochromocytoma Malignant	
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
Lymph Node Note: [PHEOCHROM MAL] TGLs = 4-12	Pancreatic	Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Pancreas	Artery	Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Testes Note: [ADENOMA] TGLs = 1-10	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 1-11 Note: [ADENOMA] TGLs = 2,3-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Minimal
Pancreas	Acinus	Atrophy	Minimal
Prostate		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1,2-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
---------------	-------------------

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM BGN] TGLs = 1-7	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]			TGLs = 1-11
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY]			TGLs = 2-10
Note: [ADENOMA]			TGLs = 3-10
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 61

TRT#: 1

SEX: Male

DAY ON TEST: 470

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Prostate
Spleen
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Pituitary Gland
Seminal Vesicle
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Preputial Gland
Skin
Thymus

MISSING

Lymph Node - Mesenteric

Mammary Gland

OBSERVATIONS

Bone
Note: [INFLAMMATION] TGLs = 1-13

Synovial Tiss

Inflammation

Suppurative, Mild

Kidney
Liver

Nephropathy
Basophilic Focus

Minimal

Pancreas
Note: [INFLAMMATION] TGLs = 2-6+14

Artery

Inflammation

Chronic, Marked

Testes

Interstit Cell

Hyperplasia

Mild

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 62

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - 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

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Hemosiderin, Minimal
Note: [HYPERPLASIA] TGLs = 1-7			
Note: [PIGMENT] TGLs = 2-2			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Eye Note: [CATARACT] TGLs = 1-11	Lens	Cataract	Mild
Heart	Myocardium	Degeneration	Moderate
Kidney Note: [NEPHROPATHY] TGLs = 8-17		Nephropathy	Moderate
Liver		Basophilic Focus Eosinophilic Focus	
Lymph Node Note: [HYPERPLASIA] TGLs = 3-13	Mandibular	Hyperplasia	Plasma Cell, Mild
Mesentery Note: [NECROSIS] TGLs = 7-16	Fat	Necrosis	Moderate
Pancreas	Acinus Artery	Atrophy Inflammation	Minimal Chronic, Minimal
Preputial Gland Note: [ADENOMA] TGLs = 2-12		Adenoma Inflammation	Chronic, Mild
Skin Note: [FIBROMA] TGLs = 4-14	Subcut Tiss	Fibroma	
Testes Note: [ADENOMA] TGLs = 5,6-15	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860063

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROMA OF SKIN, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 64

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-12			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Skin		Abscess	Mild
Note: [ABSCESS] TGLs = 5-11			
Spleen		Leukemia Mononuclear	
Stomach			
Note: NO CORRESP LESION FOR STOMACH PERFORATION SEEN AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 65

TRT#: 1

SEX: Male

DAY ON TEST: 508

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Trachea	

MISSING

Prostate	Seminal Vesicle	Urinary Bladder
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OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Stomach	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Sem Ves			
Note: NO CORRESP LESION FOR SEMINAL VES ENLARGEMENT SEEN AT NECR			
Spleen		Leiomyosarcoma	
		Leukemia Mononuclear	
Note: [LEIOMYOSAR] TGLs = 4-12			
Note: [LEUKEMIA MONUC] TGLs = 3-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-13			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:10
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860066

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Eye		Phthisis Bulbi	
Note: [PHTHISIS BULBI] TGLs = 11-19			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5,13-4+20			
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,3,4,7,8-2+5+6+11+12+13+14+16			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nares	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860067

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 2-15		
Stomach	Glandular	Ulcer	Mild
Note: [ULCER]	TGLs = 12-18		
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY]	TGLs = 10-17		
Note: [ADENOMA]	TGLs = 9-17		
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA]	TGLs = 6-7		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:10

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 68

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Nose		Fungus	
	Nares	Inflammation	Suppurative, Mild
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT NOTED AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 3-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung	Interstitium	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: [INFLAMMATION] TGLs = 8-3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5,6,7,9-2+5+7+12+14			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
Skin	Subcut Tiss	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860069

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LEUKEMIA MONUC] TGLs = 2-11

Stomach	Glandular	Ulcer	Mild
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Note: [ULCER] TGLs = 10-6+13

Testes	Bilateral, Interstit Cell	Adenoma	
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Note: [ADENOMA] TGLs = 1-10

Thymus		Leukemia Mononuclear	
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Thyroid Gland	C Cell	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, STOMACH ULCERS, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 1

SEX: Male

DAY ON TEST: 655

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Note: [INFARCT]	TGLs = 6-5		
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 5-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 8-11		
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: [ADENOMA]	TGLs = 7-7		
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 1

SEX: Male

DAY ON TEST: 655

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860070

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LEUKEMIA MONUC] TGLs = 1-13		Leukemia Mononuclear	
Note: [INFLAMMATION] TGLs = 1-13			
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Stomach	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 9-11			
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 4-10			
Note: [ADENOMA] TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 2

SEX: Male

DAY ON TEST: 715

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Moderate
Eye	Sclera	Mineralization	Mild
Note: [MINERALIZATION] TGLs = 2-12			
Heart	Myocardium	Degeneration	Mild
Intestine Small	Jejunum	Ulcer	Marked
Note: [ULCER] TGLs = 4,5-14			
Note: NO CORRESP LESION FOR ILEAL DILATATION SEEN AT NECROPSY			
Kidney		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 7-16			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 11-20			
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Mild
Note: [HYPERPLASIA] TGLs = 6-15			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Note: [HYPERPLASIA] TGLs = 1-11			
Note: [INFLAMMATION] TGLs = 1-11			
Prostate		Inflammation	Suppurative, Mild
Stomach	Forestomach	Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 2

SEX: Male

DAY ON TEST: 715

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860421

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ULCER] TGLs = 10-19

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 9-18

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 713

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Jejunum
Nose
Skin
Urinary Bladder

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Stomach - Forestomach

Brain
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pituitary Gland
Thymus

Epididymis
Intestine Small - Ileum
Mammary Gland
Seminal Vesicle
Trachea

MISSING

Lymph Node - Mandibular

Parathyroid Gland

Salivary Glands

Thyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland
Blood Vessel
Bone
Heart

Medulla
Aorta
Femur
Myocardium
Myocardium

Hyperplasia
Mineralization
Fibrous Osteodystrophy
Degeneration
Mineralization
Nephropathy

Marked
Moderate
Moderate
Moderate
Marked

Kidney
[Nephropathy TGLS = 5-1]

Liver
Lung
Note: [MINERALIZATION] TGLs = 6-2+3

Interstitialium

Degeneration
Mineralization

Cystic, Minimal
Moderate

Preputial Gland
Prostate
Spleen

Inflammation
Inflammation
Infarct

Chronic, Minimal
Suppurative, Minimal
Moderate

Note: [INFARCT] TGLs = 4-12

Stomach
Testes

Glandular, Mucosa
Bilateral, Interstit Cell
Seminif Tub

Mineralization
Adenoma
Atrophy

Marked
Marked

Note: [ADENOMA] TGLs = 1,3-11

Note: [ATROPHY] TGLs = 2-11

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 713

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860422

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 73

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Seminal Vesicle
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland
Skin
Trachea

Bone
Esophagus
Intestine Small - Ileum
Mammary Gland
Prostate
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular

OBSERVATIONS

Heart
Intestine Large
Note: [EDEMA] TGLs = 8-11
Kidney

Myocardium
Rectum

Degeneration
Edema
Leukemia Mononuclear
Nephropathy

Mild
Moderate
Marked

[Nephropathy TGLS = 6-1]
Liver
Note: [LEUKEMIA MONUC] TGLs = 5,9-4+13

Leukemia Mononuclear

Lung
Lymph Node
Note: [ECTASIA] TGLs = 7-6

Mesenteric, Sinus

Leukemia Mononuclear
Ectasia

Moderate

Mesentery
Note: [NECROSIS] TGLs = 7-6

Fat

Necrosis

Mild

Pancreas
Preputial Gland
Spleen
Note: [LEUKEMIA MONUC] TGLs = 2-12

Acinus

Atrophy
Inflammation
Leukemia Mononuclear

Minimal
Chronic, Minimal

Testes
Note: [ADENOMA] TGLs = 3,4-10

Bilateral, Interstit Cell

Adenoma

Thymus
Ectopic Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 73

TRT#: 2

SEX: Male

DAY ON TEST: 722

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860423

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 74

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860424

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 75

TRT#: 2

SEX: Male

DAY ON TEST: 674

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: [PHEOCHROM BGN] TGLs = 5-14			
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-15]			
Preputial Gland		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 75

TRT#: 2

SEX: Male

DAY ON TEST: 674

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860425

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ATROPHY] TGLs = 3-13

Note: [ADENOMA] TGLs = 4-13

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 2

SEX: Male

DAY ON TEST: 610

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland Note: [HYPERPLASIA] TGLs = 6-7	Medulla	Hyperplasia	Marked
Brain		Infarct	Moderate
Heart	Myocardium	Leukemia Mononuclear Degeneration	Mild
Intestine Small	Duodenum	Leukemia Mononuclear Ulcer	Mild
Kidney		Nephropathy	Minimal
Liver Note: [LEUKEMIA MONUC] TGLs = 5-4		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Preputial Gland Note: [ADENOMA] TGLs = 1-11		Adenoma	
Spleen Note: [LEUKEMIA MONUC] TGLs = 3,4-12		Leukemia Mononuclear	
Testes Note: [ADENOMA] TGLs = 2-10	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 2

SEX: Male

DAY ON TEST: 610

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860427

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, PREPUTIAL GL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-11			
Note: [DILATATION] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10+12			
Thyroid Gland	C Cell	Adenoma	
Tooth	Pulp	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860429

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Liver		Hepatodiaphragmatic Nodule	

[Hepatodiaphragmatic Nodule TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 80

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
Note: NO CORRESP LESION FOR NODULE OF MEDIAN LOBE OF LIVER			
Note: SEEN AT TRIM			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Mild
Note: [FIBROSIS] TGLs = 1-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	Follicle	Dilatation	Mild
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 2

SEX: Male

DAY ON TEST: 702

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Moderate
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 4-6+11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Seminal Vesicle		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 2-10			
Skin		Ulcer	Mild
Note: [ULCER] TGLs = 1-12			
Stomach	Forestomach	Inflammation	Chronic, Mild
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 82

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Skin
Urinary Bladder

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Forestomach

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Trachea

MISSING

Thymus

OBSERVATIONS

Adrenal Gland
Kidney

Bilateral, Medulla

Pheochromocytoma Benign
Nephropathy

Moderate

[Nephropathy TGLS = 3-1]

Liver

Degeneration
Hepatodiaphragmatic Nodule
Leukemia Mononuclear

Cystic, Minimal

[Hepatodiaphragmatic Nodule TGLS = 4-12]

Lung

Lymph Node

Mediastinal
Renal

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

Note: [LEUKEMIA MONUC] TGLs = 5,6-2+14+15

Preputial Gland

Spleen

Inflammation
Leukemia Mononuclear

Chronic, Minimal

Note: [LEUKEMIA MONUC] TGLs = 2-11

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 1-13

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 2

SEX: Male

DAY ON TEST: 611

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Marked
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Mild
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: ZYMBAL'S GLAND ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 84

TRT#: 2

SEX: Male

DAY ON TEST: 674

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver	Sinusoid	Congestion	Mild
		Degeneration	Cystic, Minimal
Note: [CONGESTION] TGLs = 3-13			
Lung		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-3+11			
Lymph Node	Mediastinal, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 2-12			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Thymus		Squamous Cell Carcinoma	Metastatic (Lung)
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: SQUAMOUS CELL CARCINOMA OF LUNG

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
Lymph Node	Renal, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 5-13			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin		Cyst Epithelial Inclusion	
Note: [CYST EPITH INC] TGLs = 1-11			
Stomach	Forestomach	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 6-15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860435

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 86

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Cyst	
		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 5-14+15			
Note: [CYST] TGLs = 6-15			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-13			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 7-16			
Skin	Epidermis	Acanthosis	Mild
	Epidermis	Hyperkeratosis	Marked
		Keratoacanthoma	
Note: [ACANTHOSIS] TGLs = 8-17			
Note: [KERATOACANTHMA] TGLs = 3-12			
Note: [HYPERKERATOSIS] TGLs = 8-17			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 860436

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: [LEUKEMIA MONUC] TGLs = 2-1		Leukemia Mononuclear	
Testes Note: [ADENOMA] TGLs = 1-11	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Prostate	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM BGN] TGLs = 7-14			
Note: [PHEOCHROM MAL] TGLs = 6-14			
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-13			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
	Mediastinal	Leukemia Mononuclear	
Note: [ECTASIA] TGLs = 8-15			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860437

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 2-11]

[Leukemia Mononuclear TGLS = 1-11]

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 3-12

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860438

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Mild

Liver

Basophilic Focus

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 2

SEX: Male

DAY ON TEST: 702

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-4+14			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4,7-13+15			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 2

SEX: Male

DAY ON TEST: 702

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860440

ORGAN AND ACCOUNTABLE SITE STATUS

Seminif Tub

Atrophy

Marked

Note: [ADENOMA] TGLs = 3-12

Note: [ATROPHY] TGLs = 2-12

Thymus

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone

Bone Marrow

Brain

Epididymis

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

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Moderate

Heart

Myocardium

Degeneration

Moderate

Intestine Large

Rectum

Adenoma

Note: [ADENOMA] TGLs = 4-13

Kidney

Nephropathy

Mild

Liver

Basophilic Focus

Preputial Gland

Adenoma

Note: [ADENOMA] TGLs = 1-11

Stomach

Forestomach

Squamous Cell Papilloma

Note: [PAPILLOMA SQUA] TGLs = 5-14

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 2,3-12

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 92

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 3-1			
Liver		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: [HEPATOCLR ADEN] TGLs = 4-13			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 2

SEX: Male

DAY ON TEST: 655

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Infarct	Marked
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Epididymis		Inflammation	Suppurative, Mild
Eye	Lens	Cataract	Marked
Note: [CATARACT] TGLs = 4-11			
Heart	Myocardium	Degeneration	Marked
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-12			
Stomach	Forestomach	Ulcer	Mild
Note: [ULCER] TGLs = 5-13			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 2 DOSE: 150 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 655 HISTO: 860443
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 1-10 Note: [ATROPHY] TGLs = 2-10 Thyroid Gland	Seminif Tub C Cell	Atrophy Hyperplasia	Marked Minimal
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PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY, ADRENAL INFARCT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 95

TRT#: 2

SEX: Male

DAY ON TEST: 324

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Esophagus

Heart

Intestine Large - Cecum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Liver

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Preputial Gland

Prostate

Salivary Glands

Seminal Vesicle

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Intestine Large - Rectum

OBSERVATIONS

Epididymis

Inflammation

Chronic, Minimal

Intestine Large

Colon

Parasite Metazoan

Kidney

Nephropathy

Minimal

Skin

Hair Follicle

Hyperkeratosis

Moderate

Note: [HYPERKERATOSIS] TGLs = 1-7+8

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 96

TRT#: 2

SEX: Male

DAY ON TEST: 542

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Mesothelioma Malignant	
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2,7-2+5+7+12			
Mesentery		Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 3-6+13			
Pituitary Gland	Pars Distalis	Cyst	
Skin		Abscess	Mild
Note: [ABSCESS] TGLs = 1-14			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-11			
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 96

TRT#: 2

SEX: Male

DAY ON TEST: 542

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860446

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 4-10

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC,MESOTHELIOMA MAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 97

TRT#: 2

SEX: Male

DAY ON TEST: 611

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: [HYPERPLASIA] TGLs = 2-12			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROMA OF SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 2

SEX: Male

DAY ON TEST: 660

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-4			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6,7,9-2+11+13			
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-12			
Stomach	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 11-14			
Note: [ULCER] TGLs = 10-6+14			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 2

SEX: Male

DAY ON TEST: 660

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860448

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 2-10

Note: [ATROPHY] TGLs = 1-10

Thymus

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 99

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	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	Urinary Bladder

OBSERVATIONS

Epididymis	Bilateral	Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 3-12			
Heart	Myocardium	Degeneration	Mild
Kidney		Cyst	
		Nephropathy	Marked
Note: [CYST] TGLs = 7-14+15			
Note: [NEPHROPATHY] TGLs = 6-14+15			
Mesentery		Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 5-13			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Malignant	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 2

SEX: Male

DAY ON TEST: 610

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 6,9-13+15			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 4,5-11			
Prostate		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-12			
Stomach	Glandular	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 2

SEX: Male

DAY ON TEST: 610

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860450

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ULCER] TGLs = 8-6+14

Testes Bilateral, Interstit Cell

Adenoma

Note: NO CORRESP LESION FO SMALLNESS OF L TEST SEEN AT NECROPSY

Note: [ADENOMA] TGLs = 2-10

Thymus Leukemia Mononuclear

Thyroid Gland C Cell Hyperplasia Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860452

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Minimal

Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-10+11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 2

SEX: Male

DAY ON TEST: 539

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Pituitary Gland		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Stomach	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 4-6+13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 104

TRT#: 2

SEX: Male

DAY ON TEST: 619

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Marked
Note: [LEUKEMIA MONUC] TGLs = 4-4+12			
Note: [NECROSIS] TGLs = 3-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5,6,7-2+5+7+13			
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 104

TRT#: 2

SEX: Male

DAY ON TEST: 619

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860454

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, LIVER NECROSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 106

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860456

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Clear Cell Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 4-13			
Lung	Interstitial	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 2-12			
Note: [ADENOMA] TGLs = 3-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 108

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Moderate
Note: [DEGEN] TGLs = 7-11			
Islets, Pancreatic		Adenoma	
Note: [ADENOMA] TGLs = 5-13			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Preputial Gland		Inflammation	Chronic, Minimal
Sem Ves			
Note: NO CORRESP LESION FOR SMALL SEMINAL VESICLES SEEN AT NECR			
Skin		Basal Cell Carcinoma	
		Cyst Epithelial Inclusion	
Note: [CYST EPITH INC] TGLs = 2-14			
Note: [BASAL CEL CARC] TGLs = 1-15			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-16			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 109

TRT#: 2

SEX: Male

DAY ON TEST: 659

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Glandular

Adrenal Gland - Medulla
Epididymis
Kidney
Mammary Gland
Pituitary Gland
Seminal Vesicle
Thymus

Bone
Esophagus
Lung
Nose
Preputial Gland
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Colon
Lymph Node - Mandibular
Pancreas
Prostate
Stomach - Forestomach
Trachea

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Jejunum

Intestine Large - Rectum
Urinary Bladder

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Heart
Liver
 Note: [SARCOMA] TGLs = 3-11
Spleen
Testes
 Note: [ADENOMA] TGLs = 1,2-10

Myocardium

Bilateral, Interstit Cell

Degeneration
Sarcoma

Hematopoietic Cell Proliferation
Adenoma

Mild
Metastatic (Uncertain Primary Site)

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: LIVER

Animal Note: C O DEATH: SARCOMA OF UNKNOWN PRIMARY SITE METASTSATIC TO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
Pancreas	Artery	Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 111

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland Note: [ANGIECTASIS] TGLs = 6,7-7+13	Cortex	Angiectasis	Mild
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney Note: [LIPOSARC] TGLs = 1-11+12 [Nephropathy TGLS = 4-4]		Liposarcoma Nephropathy	Multifocal, Minimal
Liver		Necrosis	Coagulative, Minimal
Lymph Node Note: [INFILTRAT CELL] TGLs = 5-7	Mesenteric	Infiltration Cellular	Mononuclear CI, Mild
Preputial Gland Note: [INFLAMMATION] TGLs = 8-10+14 Note: [HYPERPLASIA] TGLs = 8-14		Hyperplasia Inflammation	Mild Chronic, Mild
Spleen [Hematopoietic Cell Proliferation TGLS = 2-1]		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 112

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Hepatodiaphragmatic Nodule	
		Hyperplasia	Marked
		Leukemia Mononuclear	
Note: [HDN] TGLs = 6-13			
Note: [LEUKEMIA MONUC] TGLs = 9-4+13+14+15			
Note: [HYPERPLASIA] TGLs = 7,8,10,11-4+13+14+15			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: [FIBROSIS] TGLs = 5-12			
Note: [LEUKEMIA MONUC] TGLs = 4-12			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 1-11			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860462

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 2,3-11

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 113

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 5-14			
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 3-12			
Spleen			
Note: NO CORRESP LESION FOR DEPRESSED AREA OF SPLEEN SEEN AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 2-11			
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	Bilateral, C Cell	Adenoma	
	Follicle	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 114

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Note: [PHEOCHROM BGN] TGLs = 3-7			
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
Note: NO CORRESP LESION FOR TAN FOCI OF LIVER SEEN AT TRIM			
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Note: [HYPERPLASIA] TGLs = 1-11			
Note: [INFLAMMATION] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 115

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 5-11	Medulla	Pheochromocytoma Malignant	
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
Liver Note: [CLEAR CL FOCUS] TGLs = 6-14		Clear Cell Focus	
Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin Note: [KERATOACANTHMA] TGLs = 1-13		Keratoacanthoma	
Spleen Note: [FIBROSIS] TGLs = 4-12		Fibrosis	Mild
Testes Note: [ATROPHY] TGLs = 3-10 Note: [ADENOMA] TGLs = 2-10	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 116

TRT#: 2

SEX: Male

DAY ON TEST: 366

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Liver
Mammary Gland
Pituitary Gland
Skin
Testes

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Preputial Gland
Spleen
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone
Heart
Kidney
Prostate
Spinal Cord
Thyroid Gland

Myocardium

Lumbar
C Cell

Osteosarcoma
Degeneration
Nephropathy
Inflammation
Atrophy
Hyperplasia

Mild
Minimal
Suppurative, Marked
Marked
Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: OSTEOSARCOMA OF VERTEBRA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 117

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pituitary Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland
-------------------------	---------------

OBSERVATIONS

Blood Vessel Note: [MINERALIZATION] TGLs = 7-4+13	Aorta	Mineralization	Moderate
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Moderate
Kidney [Nephropathy TGLS = 4-1]		Nephropathy	Marked
Liver Note: [FATTY CHANGE] TGLs = 6-4		Fatty Change	Moderate
Lung	Interstitium	Mineralization	Minimal
Pancreas Note: [INFLAMMATION] TGLs = 5-12	Artery	Inflammation	Chronic, Marked
Parathyroid Gland		Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Sem Ves Note: NO CORRESP LESION FOR SMALL SEM VESICLES SEEN AT NECROPSY			
Skin Note: [CYST EPITH INC] TGLs = 1-11 Note: [HYPERPLASIA] TGLs = 1-11	Sebaceous GI	Cyst Epithelial Inclusion Hyperplasia	Moderate
Stomach	Glandular, Mucosa	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 117

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860467

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 2-10

Thymus

Inflammation

Chronic, Mild

Note: [INFLAMMATION] TGLs = 8-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Liver

Basophilic Focus

Clear Cell Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 120

TRT#: 2

SEX: Male

DAY ON TEST: 640

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-16+18			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3,4,6,8,9-2+5+12+13+15+17+18			
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-14			
Stomach	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 120

TRT#: 2

SEX: Male

DAY ON TEST: 640

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860470

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ATROPHY] TGLs = 2-11

Note: [ADENOMA] TGLs = 1-11

Thymus

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 122

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-15			
Heart	Myocardium	Degeneration	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,8-5+11+16			
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 122

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860472

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LEUKEMIA MONUC] TGLs = 2-12

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 3-13

Thymus

Leukemia Mononuclear

Note: [LEUKEMIA MONUC] TGLs = 6-14

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 123

TRT#: 2

SEX: Male

DAY ON TEST: 652

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea			

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Prostate	Seminal Vesicle
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Squamous Cell Papilloma	
Note: [PAPILLOMA SQUA] TGLs = 4-12			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: [ADENOMA] TGLs = 2-10			
Note: [ATROPHY] TGLs = 3-10			
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicle	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 652
HISTO: 860473

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Liver		Basophilic Focus
Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 2

SEX: Male

DAY ON TEST: 710

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Moderate
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Moderate
	Myocardium	Mineralization	Moderate
Note: [MINERALIZATION] TGLs = 3,4-13			
Intestine Large	Cecum	Edema	Marked
Note: [EDEMA] TGLs = 13-19			
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 9-1]			
Liver		Angiectasis	Focal, Moderate
Note: [ANGIECTASIS] TGLs = 11			
Lung	Interstitium	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 12-18			
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild
Penis			
Note: NO CORRESP LESION FOR PENILE PROLAPSE SEEN AT NECR			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 2

SEX: Male

DAY ON TEST: 710

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860479

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 2-12

Note: [CYST] TGLs = 2-12

Preputial Gland

Inflammation

Chronic, Mild

Prostate

Inflammation

Suppurative, Minimal

Spleen

Fibrosis

Moderate

Note: [FIBROSIS] TGLs = 5-14

Stomach

Glandular, Mucosa

Mineralization

Marked

Note: [MINERALIZATION] TGLs = 8-16

Testes

Bilateral, Interstit Cell

Adenoma

Marked

Seminif Tub

Atrophy

Note: [ATROPHY] TGLs = 6-15

Note: [ADENOMA] TGLs = 7-15

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 130

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860480

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 131

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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 Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 7,8-14+15			
Note: [EOSIN FOCUS] TGLs = 9,10			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: [HYPERPLASIA] TGLs = 1-11			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 4,6-13			
Note: [ATROPHY] TGLs = 5-13			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 860481

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 132

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
Liver		Basophilic Focus	
		Clear Cell Focus	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Basal Cell Adenoma	
Note: [BASAL CEL ADEN] TGLs = 1-11			
Spleen		Hyperplasia	Lymphoid, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 133

TRT#: 2

SEX: Male

DAY ON TEST: 683

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lung	Lymph Node - Mesenteric
Nose	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM BGN] TGLs = 4-14	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Mild
Kidney [Nephropathy TGLS = 5-1]		Nephropathy	Marked
Lymph Node Note: [ECTASIA] TGLs = 1-11	Mandibular, Sinus	Ectasia	Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate Note: [INFLAMMATION] TGLs = 3-10+13		Inflammation	Suppurative, Moderate
Seminal Vesicle		Inflammation	Suppurative, Moderate
Spleen Note: [FIBROSIS] TGLs = 6-12		Fibrosis	Mild
Stomach Note: [ULCER] TGLs = 7-15 [Ulcer TGLS = 8-6]	Forestomach Glandular	Ulcer Ulcer	Mild Moderate
Testes Note: [ADENOMA] TGLs = 2-10	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 133

TRT#: 2

SEX: Male

DAY ON TEST: 683

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860483

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 134

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Ectopic Tissue	
	Medulla	Pheochromocytoma Benign	
Note: ECTOPIC TISSUE OF ADRENAL CORTEX IS BONE			
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Alveolar/Bronchiolar Carcinoma	
		Leukemia Mononuclear	
Note: [ALV BRON CARC] TGLs = 2-2			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-5+7			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 5-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 2
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 860484

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 135

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Epididymis		Granuloma Sperm	Moderate
Heart	Myocardium	Degeneration	Minimal
Intestine Small	Jejunum	Adenoma	
Note: THE 3X4X2 MM NODULE OF THE JEJUNUM WAS NOT FOUND AT TRIM			
Note: [ADENOMA] TGLs = 6-13			
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
Note: [HYPERPLASIA] TGLs = 9-14			
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-11			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 135

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860485

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-12			
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 3-10			
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 136

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	
		Mixed Cell Focus	
Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
Note: [ADENOMA] TGLs = 3-7			
Note: [HYPERPLASIA] TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 137

TRT#: 2

SEX: Male

DAY ON TEST: 617

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3,4-2+12			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Stomach	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Moderate
Note: [ULCER] TGLs = 7-14			
Note: [ULCER] TGLs = 6-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thymus		Ectopic Thyroid	
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 5-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 137

TRT#: 2

SEX: Male

DAY ON TEST: 617

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860487

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 138

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: [HEPATOCLR ADEN] TGLs = 4-12			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Intermed	Cyst	
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 1,3-11			
Note: [ATROPHY] TGLs = 2-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 139

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: [LEUKEMIA MONUC] TGLs = 5-1+14			
Note: [NEPHROPATHY] TGLs = 5-1+14			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Skin		Abscess	Moderate
Note: [ABSCESS] TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-13			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 139

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860489

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 140

TRT#: 2

SEX: Male

DAY ON TEST: 653

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-7			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 141

TRT#: 3

SEX: Male

DAY ON TEST: 705

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Moderate
	Myocardium	Mineralization	Marked
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
Liver		Degeneration	Cystic, Minimal
		Inflammation	Granulomatous, Minimal
Note: NO CORRESP LESION FOR LIVER NODULE ON MEDIAN LOBE SEEN			
Note: AT TRIM			
Lung	Interstitialium	Mineralization	Mild
Parathyroid Gland		Hyperplasia	Marked
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular, Mucosa	Mineralization	Marked
Testes	Bilateral, Interstit Cell	Adenoma	

Note: [ADENOMA] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 142

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860282

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Minimal

Testes

Interstitial Cell

Adenoma

[Adenoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 143

TRT#: 3

SEX: Male

DAY ON TEST: 680

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
Liver		Degeneration	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860284

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
	Coron Artery	Inflammation	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10+11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 552

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4+12			
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 2-12			
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-11			
Stomach			
Note: NO CORRESP LESION FOR GLANDULAR STOMACH NODULE SEEN AT TRIM			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3,4-13			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROMA OF SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 148

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
Note: NO CORRESP LESION FOR TWO WHITE FOCI SEEN AT NECROPSY ON LEFT KIDNEY			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-7+11			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 2-4+12			
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 693

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone		Osteosarcoma	
Note: [OSTEOSARC] TGLs = 5-16			
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Mild
		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
		Leukemia Mononuclear	
Note: NO CORRESP LESION FOR ENLARGED RIGHT ATRIUM			
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2,4-6+12+14			
Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 150

TRT#: 3

DOSE: 300 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 693

HISTO: 860290

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Note: [LEUKEMIA MONUC] TGLs = 1-11

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 3-13

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, CRANIAL OSTEOSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Salivary Glands
Seminal Vesicle	Skin	Spleen	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Marked
	[Nephropathy TGLS = 3-1]		
Liver		Degeneration	Cystic, Minimal
		Mixed Cell Focus	
		Necrosis	Coagulative, Mild
Note: [MIXED CL FOCUS] TGLs = 7-15			
Lymph Node	Renal	Ectasia	Mild
Note: [ECTASIA] TGLs = 5-12			
Pancreas	Artery	Inflammation	Chronic, Moderate
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-11			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Cyst	
		Inflammation	Suppurative, Mild
Note: [CYST] TGLs = 1-13			
Stomach	Forestomach	Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151	TRT#: 3 DOSE: 300 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 860291
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ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Hyperkeratosis	Mild
	Glandular, Mucosa	Mineralization	Mild
Note: [HYPERKERATOSIS] TGLs = 6-14 Note: [ACANTHOSIS] TGLs = 6-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 3

SEX: Male

DAY ON TEST: 592

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Prostate		Inflammation	Suppurative, Minimal
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PREPUTIAL GL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Mesentery

Lipoma

[Lipoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860295

OBSERVATIONS

Heart
Liver

Myocardium

Degeneration
Basophilic Focus
Clear Cell Focus
Mixed Cell Focus
Adenoma

Multifocal, Minimal

Testes

Bilateral, Interstit Cell

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 156

TRT#: 3

SEX: Male

DAY ON TEST: 617

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 5-2+3+12			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
Note: NO CORRESP LESION FOR ENLARGED THORACIC L NODE SEEN			
Note: AT NECROPSY			
Note: [PIGMENT] TGLs = 4-2			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: PULMONARY ADENOCARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 157

TRT#: 3

SEX: Male

DAY ON TEST: 531

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11+12			
Stomach	Forestomach	Mineralization	Minimal
Note: [MINERALIZATION] TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH:PREPUTIAL GL ADENOMA, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	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	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 4-4+14			
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin		Basosquamous Tumor Benign	
Note: [BASOSQU TM BGN] TGLs = 3-13			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Preputial Gland
Skin
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Spleen
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Medulla
Myocardium

Pheochromocytoma Benign
Degeneration
Nephropathy
Basophilic Focus
Mixed Cell Focus

Mild
Moderate

Pancreas
Pituitary Gland
Spleen

Acinus
Pars Distalis

Atrophy
Adenoma

Minimal

Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 1-11

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Clear Cell Focus	
Pancreas	Artery	Inflammation	Chronic, Moderate
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 161

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Intestine Large	Cecum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-4			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Pancreas		Ectopic Tissue	
Note: [ECT TISSUE] TGLs = 2-12			
Note: ECTOPIC TISSUE IN PANCREAS IS SPLEEN			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 161

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860301

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 162

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Marked
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 10-18			
Heart	Myocardium	Degeneration	Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 3-12			
Liver		Bacterium	
		Hyperplasia	Marked
		Leukemia Mononuclear	
		Necrosis	Coagulative, Moderate
Note: [LEUKEMIA MONUC] TGLs = 4,12-13+20			
Note: [NECROSIS] TGLs = 7,12-15+20			
Note: [HYPERPLASIA] TGLs = 7-15			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 162	TRT#: 3	SEX: Male	DAY ON TEST: 726
	DOSE: 300 PPM	DISP: Natural Death	HISTO: 860302

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,9-14+17]			
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 8-16			
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
Stomach	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 11-19			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1,2-11			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 163

TRT#: 3

SEX: Male

DAY ON TEST: 691

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Heart	Myocardium	Degeneration Leukemia Mononuclear	Mild
Kidney		Nephropathy	Marked
Liver		Hepatocellular Adenoma Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 4-14			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 2-12			
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 5-15			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Minimal
Intestine Small	Duodenum	Ulcer	Moderate
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
	[Nephropathy TGLS = 4-1]		
Liver		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 3-12		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Parathyroid Gland		Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Sem Ves			
	Note: NO CORRESP LESION FOR SMALL SEM VESICLE SEEN AT NECROPSY		
Spleen		Infarct	Mild
		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 5-13		
Stomach	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860304

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ATROPHY] TGLs = 2-11

Note: [ADENOMA] TGLs = 1-11

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Note: [NECROSIS] TGLs = 4-4			
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-12			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Periductular	Fibrosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 166

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860306

ORGAN AND ACCOUNTABLE SITE STATUS

Seminif Tub

Atrophy

Moderate

Note: [ADENOMA] TGLs = 2-10

Note: [ATROPHY] TGLs = 3-10

Thyroid Gland

C Cell

Adenoma

Note: [ADENOMA] TGLs = 7-7

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 167

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13+14			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-2+12			
Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 6-15			
Note: [ATROPHY] TGLs = 5-15			
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 168

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
	Myocardium	Degeneration	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 2-1]		
Liver		Basophilic Focus	
		Clear Cell Focus	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Basal Cell Adenoma	
	Note: [BASAL CEL ADEN] TGLs = 3-12		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: [ADENOMA] TGLs = 1-11		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 169

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
Lung	Interstitialium	Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: TUNIC SEEN AT NECROPSY			
Note: [ADENOMA] TGLs = 2-12			
Note: NO CORRESP LESION FOR YELLOW/GREEN PIGMENT OF TESTICULAR			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 171

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Marked
	[Nephropathy TGLS = 6-1]		
Liver		Hepatocellular Adenoma	
	Note: [HEPATOCLR ADEN] TGLs = 4-11		
Lung		Carcinoma	Metastatic (Zymbal'S Gland)
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
	Note: [HEMA CELL PROL] TGLs = 5-12		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: [ADENOMA] TGLs = 2,3-13		
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
	Note: [CARCINOMA] TGLs = 1-14		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 172

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860312

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Minimal

Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 174

TRT#: 3

SEX: Male

DAY ON TEST: 671

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-2+3			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-11			
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 174

TRT#: 3

SEX: Male

DAY ON TEST: 671

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860314

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 2,7-10			
Note: [ATROPHY] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 175

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Prostate
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Trachea

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Medulla
Myocardium

Pheochromocytoma Benign
Degeneration
Nephropathy
Hepatodiaphragmatic Nodule
Mixed Cell Focus

Mild
Mild

Note: [HDN] TGLs = 1-11

Pancreas
Preputial Gland
Skin

Artery
Subcut Tiss

Inflammation
Inflammation
Fibroma

Chronic, Minimal
Chronic, Mild

Note: [FIBROMA] TGLs = 3-13

Testes
Note: [ADENOMA] TGLs = 2-12

Bilateral, Interstit Cell

Adenoma

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 176

TRT#: 3

SEX: Male

DAY ON TEST: 719

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Moderate
Liver		Inflammation	Granulomatous, Minimal
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Mild
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Note: [HYPERPLASIA] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2,3-12			
Thyroid Gland	C Cell	Adenoma	
Tooth	Peridont Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: INFLAMMATION OF TOOTH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Kidney

[Nephropathy TGLS = 1-1]

Nephropathy

Multifocal, Moderate

Testes

[Adenoma TGLS = 2-10]

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 96
HISTO:

OBSERVATIONS

Stomach
Note: [HYPERKERATOSIS] TGLs = 1-11

Epithelium, Forestomach

Hyperkeratosis

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone 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
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Moderate
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Moderate
	Myocardium	Mineralization	Minimal
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 4,5-14			
Lung	Interstitium	Mineralization	Mild
Nose	Nares	Inflammation	Suppurative, Mild
Pancreas	Artery	Inflammation	Chronic, Moderate
Parathyroid Gland		Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 2-12			
Preputial Gland		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Glandular, Mucosa	Mineralization	Moderate
Note: [HYPERKERATOSIS] TGLs = 6-15			
Note: [ACANTHOSIS] TGLs = 6-15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860320

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 182

TRT#: 3

SEX: Male

DAY ON TEST: 713

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Marked
	Cortex	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Marked
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4,9-4+13+18			
Note: [DEGEN] TGLs = 10-19			
Lung		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-3+15			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-17			
Pancreas	Artery	Inflammation	Chronic, Minimal
Parathyroid Gland		Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 5-14			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: [HYPERPLASIA] TGLs = 7-16			
Preputial Gland		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 3 DOSE: 300 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 713 HISTO: 860322
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-12			
Stomach	Glandular, Mucosa	Mineralization	Moderate
Testes	Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 1-11			
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	Follicle	Adenoma	
Note: [ADENOMA] TGLs = 5-14			

PRIMARY CAUSE OF DEATH -

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 183

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
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	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Kidney		Adenoma	
		Nephropathy	Moderate
[Adenoma TGLS = 2-12]			
[Nephropathy TGLS = 3-1]			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Skin		Abscess	Moderate
Note: [ABSCESS] TGLs = 4-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10+11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 184

TRT#: 3

SEX: Male

DAY ON TEST: 572

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder

OBSERVATIONS

Esophagus		Dilatation	Marked
Note: [DILATATION] TGLs = 3-11			
Heart	Myocardium	Degeneration	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Liver		Clear Cell Focus	
Lung	Alveolus	Inflammation	Subacute, Mild
Nose	Nares	Foreign Body	Mild
	Nares	Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: [ATROPHY] TGLs = 2-10			
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Trachea		Inflammation	Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: NOSE, TRACHEA, LUNGS

Animal Note: C O DEATH: ESOPHAGEAL DILATATION, INFLAMMATION OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 185

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM BGN] TGLs = 3-7	Medulla	Pheochromocytoma Benign	
Brain Note: [INFARCT] TGLs = 9-5+12		Infarct Leukemia Mononuclear	Mild
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Colon	Parasite Metazoan Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Liver Note: [LEUKEMIA MONUC] TGLs = 4-4 Note: [HEPATOCLR ADEN] TGLs = 11-16		Degeneration Hepatocellular Adenoma Leukemia Mononuclear	Cystic, Minimal
Lung Note: [LEUKEMIA MONUC] TGLs = 8-2+3		Leukemia Mononuclear	
Lymph Node Note: [LEUKEMIA MONUC] TGLs = 10-11	Mandibular	Leukemia Mononuclear	
Mesentery Note: [NECROSIS] TGLs = 5-15	Fat	Necrosis	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 3 DOSE: 300 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 668 HISTO: 860325
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: [ULCER] TGLs = 1-13		Ulcer	Moderate
Spleen Note: [LEUKEMIA MONUC] TGLs = 2-14		Leukemia Mononuclear	
Testes Note: [ADENOMA] TGLs = 6,7-10	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 186

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860326

OBSERVATIONS

Heart

Myocardium

Degeneration

Multifocal, Minimal

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 187

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Fibrous Histiocytoma	Metastatic (Skin)
Note: [FIB HISTIOCYT] TGLs = 3-4+12			
Lung		Fibrous Histiocytoma	Metastatic (Skin)
Note: [FIB HISTIOCYT] TGLs = 4-2+3			
Skin	Subcut Tiss	Fibrous Histiocytoma	
Note: [FIB HISTIOCYT] TGLs = 1-7+11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MALIG FIBROUS HISTIOCTOMA, SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 189

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 2-10			
Note: [ATROPHY] TGLs = 1-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 189

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860329

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 192

TRT#: 3

SEX: Male

DAY ON TEST: 693

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Nose	Penis
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
Bone	Femur	Fibrous Osteodystrophy	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Chemodectoma Benign Degeneration	Moderate
Islets, Pancreatic		Adenoma	
Note: [ADENOMA] TGLs = 10-19			
Kidney		Leukemia Mononuclear Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 8-17			
Liver		Hyperplasia Leukemia Mononuclear	Moderate
Note: [HYPERPLASIA] TGLs = 11-20			
Note: [LEUKEMIA MONUC] TGLs = 7-4+16			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal	Leukemia Mononuclear Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-14			
Mammary Gland		Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 2-12			
Pancreas	Acinus Artery	Atrophy Inflammation	Minimal Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 192

TRT#: 3

SEX: Male

DAY ON TEST: 693

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860332

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 9-18			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate
Skin		Squamous Cell Papilloma	
Note: [PAPILOMA SQUA] TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Stomach	Glandular, Mucosa	Mineralization	Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 5-15			
Note: [ADENOMA] TGLs = 6-15			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 193

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
Liver		Necrosis	Coagulative, Moderate
Note: [NECROSIS] TGLs = 3-4			
Note: NO CORRESP LESION FOR LIVER CYST SEEN AT TRIM			
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 5-6+11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: NEPHROPATHY, LIVER NECROSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 194

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Marked
	Myocardium	Mineralization	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
Liver		Degeneration	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Glandular, Mucosa	Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thymus	Artery	Mineralization	Moderate
Urinary Bladder		Ectasia	Marked
		Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 3-11			
Note: [ECTASIA] TGLs = 3-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 194

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860334

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 195

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Note: NO CORRESP LESION FOR LFT ATRIAL DILATATION SEEN AT NECR			
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 4-12			
Liver		Degeneration Eosinophilic Focus	Cystic, Minimal
Note: [EOSIN FOCUS] TGLs = 9-16			
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 6-14			
Parathyroid Gland		Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Mild
[Fibrosis TGLS = 7-1]			
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Glandular, Mucosa	Mineralization	Minimal
Note: [ACANTHOSIS] TGLs = 8-15			
Note: [HYPERKERATOSIS] TGLs = 8-15			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 195

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860335

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 3-11

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 196

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Moderate
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 7-4			
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Hyperplasia	Mild
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-4+12			
Note: [HYPERPLASIA] TGLs = 6-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Sem Ves			
Note: NO CORRESP LESION FOR SMALL SEMINAL VESICLES SEEN			
Note: AT NECROPSY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 196

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860336

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Note: [LEUKEMIA MONUC] TGLs = 3-11

Testes

Bilateral, Interstit Cell

Adenoma

Seminif Tub

Atrophy

Marked

Note: [ATROPHY] TGLs = 2-10

Note: [ADENOMA] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 197

TRT#: 3

SEX: Male

DAY ON TEST: 688

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Carcinoma Infarct	Metastatic (Zymbal'S Gland) Moderate
Note: [INFARCT] TGLs = 6-15			
Note: [CARCINOMA] TGLs = 6-5+15			
Eye	Cornea	Inflammation	Necrotizing, Marked
Note: [INFLAMMATION] TGLs = 1-11			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Mild
Note: [INFLAMMATION] TGLs = 8-17			
Lymph Node	Mandibular Mesenteric	Hyperplasia Infiltration Cellular	Plasma Cell, Mild Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 7-16			
[Infiltration Cellular TGLS = 3-5+13]			
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4,5-14			
Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 197

TRT#: 3

SEX: Male

DAY ON TEST: 688

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860337

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: ZYMBAL'S GL CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 198

TRT#: 3

SEX: Male

DAY ON TEST: 539

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
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	Minimal
Nose		Squamous Cell Papilloma	
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstitial Cell	Adenoma	

Note: [ADENOMA] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: SQUAMOUS PAPILLOMA OF NOSE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 199

TRT#: 3

SEX: Male

DAY ON TEST: 701

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thymus
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OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

Note: [ADENOMA] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860340

OBSERVATIONS

Heart
Kidney

Myocardium

Degeneration
Cyst
Nephropathy

Multifocal, Mild

Multifocal, Minimal

[Cyst TGLS = 1-11]

Liver

Basophilic Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Cyst	
		Nephropathy	Marked
	[Cyst TGLS = 6-1]		
	[Nephropathy TGLS = 7-1]		
Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Note: [MIXED CL FOCUS] TGLs = 9-15		
	Note: [HEPATOCLR ADEN] TGLs = 8-14		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenoma	
	Note: [ADENOMA] TGLs = 1-11		
Spleen			
	Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY		
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Note: [ATROPHY] TGLs = 4-12		
	Note: [ADENOMA] TGLs = 2,3-12		
Thyroid Gland	Follicle	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 860341

ORGAN AND ACCOUNTABLE SITE STATUS

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Mixed Cell Focus	
Lung	Interstitial	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Mild
Kidney		Lymphoma Malignant Histiocytic	
		Nephropathy	Mild
Liver		Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 6-4+16			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLs = 1,2,5,7-6+11+12+15+17]			
Mesentery		Lymphoma Malignant Histiocytic	
	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 8-18			
[Necrosis TGLs = 8-18]			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Fibrosis	Mild
		Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 3-13+19			
Note: [FIBROSIS] TGLs = 9-19			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860343

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Thyroid Gland	C Cell	Hyperplasia	Mild
Tissue NOS		Chemodectoma Benign	
Note: OF THE RENAL LYMPH NODE			
Note: SLIDE #7 HAS AN ADRENAL GL WITH A PHEO BENIGN			
Note: ORIGINAL PATHOLOGIST'S DIAGNOSES:			
Note: [CHEMODECTO BGN] TGLs = 7-17			
Note: MEDULLARY AND CORTICAL HYPERPLASIA, AND ALSO HAS A			
Note: AND ALSO FOUND ON SLIDE # 17 IS HISTIOCYTIC LYMPHOMA			
Note: A NON-CHROMAFFIN PARAGANGLIOMA (CHEMODECTOMA, TISSUE NOS)			
Note: SLIDE # 17 HAS THE CONTRALATERAL ADRENAL GLAND, WITH			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: HISTIOCYTIC LYMPHOMA, MULTIPLE ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 670

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 10-5+12			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 8-1]			
[Nephropathy TGLS = 8-1]			
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: [HDN] TGLs = 7-15			
Note: [LEUKEMIA MONUC] TGLs = 6-4+15			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,5-5+11+16			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 670

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860344

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LEUKEMIA MONUC] TGLs = 11-7

Note: [ADENOMA] TGLs = 11-7

Preputial Gland

Inflammation

Chronic, Mild

Prostate

Leukemia Mononuclear

Skin

Subcut Tiss

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Note: [LEUKEMIA MONUC] TGLs = 2-13

Stomach

Forestomach

Leukemia Mononuclear

Glandular

Leukemia Mononuclear

Forestomach

Ulcer

Mild

Glandular

Ulcer

Mild

Note: [ULCER] TGLs = 12-17

Note: [ULCER] TGLs = 13-6+17

Testes

Bilateral, Interstit Cell

Adenoma

Seminif Tub

Atrophy

Mild

Note: [ATROPHY] TGLs = 3-10

Note: [ADENOMA] TGLs = 4-10

Thymus

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Mild

Tongue

Squamous Cell Papilloma

Note: [PAPILLOMA SQUA] TGLs = 9-14

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, PITUITARY

Animal Note: ADENOMA, SQUAMOUS PAPILLOMA OF TONGUE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 2-12			
Lung	Interstitial	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-15			
Lymph Node	Renal	Ectasia	Marked
Note: [ECTASIA] TGLs = 5-13			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 4-11			
Note: [ADENOMA] TGLs = 3-11			
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 6-14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
Liver		Eosinophilic Focus	
		Mixed Cell Focus	
Note: [EOSIN FOCUS] TGLs = 5-4+13			
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Inflammation	Granulomatous, Moderate
Note: [INFLAMMATION] TGLs = 1,2,6-12+14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
Liver			
Note: NO CORRESP LESION FOR RED, GRANULAR APPEARANCE OF LIVER			
Note: SEEN AT NECROPSY			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen			
Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart

OBSERVATIONS

Preputial Gland

Adenoma

[Adenoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 541

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 1-1]			
[Nephropathy TGLS = 1-1]			
Liver		Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: [HYPERPLASIA] TGLs = 5-12			
Note: [LEUKEMIA MONUC] TGLs = 3-4+12			
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 541

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860349

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 210

TRT#: 3

SEX: Male

DAY ON TEST: 635

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-4			
Lung		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-12			
Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, PITUITARY ADENOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 3
DOSE: 300 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 635
HISTO: 860350

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 211

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

OBSERVATIONS

Lung
[Hemorrhage TGLS = 1-2+3]

Alveolus

Hemorrhage

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 212

TRT#: 4

SEX: Male

DAY ON TEST: 96

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Preputial Gland
Skin
Testes

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Prostate
Spleen
Thymus

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

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

OBSERVATIONS

Lymph Node
Urinary Bladder

Mesenteric
Lumen

Infiltration Cellular
Hemorrhage

Histiocyte, Moderate
Mild

Note: EOSINOPHILIC PLUG PRESENT IN URINARY BLADDER

Note: JUDGED NOT TO BE A LESION OF DISEASE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 213

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	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	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hyperplasia	Moderate
		Mixed Cell Focus	
Pancreas	Artery	Inflammation	Chronic, Marked
Note: [INFLAMMATION] TGLs = 4-6+12			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-11]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-13			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 214

TRT#: 4

SEX: Male

DAY ON TEST: 680

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Moderate
Intest Small			
Note: NO CORRESP LESION FOR DILATATION OF JEJUNUM AND ILEUM			
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
Liver		Cholangioma	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 6-12			
Note: [CHOLANGIOMA] TGLs = 1-11			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Stomach	Forestomach	Inflammation	Chronic, Mild
	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 4
DOSE: 600 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 680
HISTO: 860144

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Bilateral, C Cell	Adenoma
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PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, NEPHROPATHY, LIVER

Animal Note: CHOLANGIOMA, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 215

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM BGN] TGLs = 7-11	Medulla	Pheochromocytoma Benign	
Epididymis Note: [MESOTHELIO MAL] TGLs = 3-13		Mesothelioma Malignant	
Eye Note: [CATARACT] TGLs = 1-16	Lens	Cataract	Marked
Heart	Myocardium	Degeneration	Mild
Intestine Large Note: [ADENOCARC] TGLs = 6-14	Rectum	Adenocarcinoma	
Kidney [Nephropathy TGLS = 5-1]		Nephropathy	Moderate
Liver Note: [BASOPH FOCUS] TGLs = 4-12 Note: [EOSIN FOCUS] TGLs = 4-12 Note: [MIXED CL FOCUS] TGLs = 4-4		Basophilic Focus Eosinophilic Focus Mixed Cell Focus	
Mesentery Note: [PIGMENT] TGLs = 2-15		Pigmentation	Hemosiderin, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 215

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860145

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell
Tunic

Mesothelioma Malignant
Adenoma
Mesothelioma Malignant

Note: [ADENOMA] TGLs = 8-10

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 216

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Prostate
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Lymph Node Mesenteric Infiltration Cellular Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 217

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Preputial Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Prostate
Spleen
Thymus

OBSERVATIONS

Blood Vessel
Heart
Lymph Node
Pancreas

Aorta
Myocardium
Mesenteric
Acinus

Inflammation
Inflammation
Infiltration Cellular
Atrophy

Chronic, Focal, Minimal
Chronic, Multifocal, Minimal
Histiocyte, Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 218

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hyperplasia	Mild
		Mixed Cell Focus	
Note: [HYPERPLASIA] TGLs = 5-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic, Mild
Note: [HYPERKERATOSIS] TGLs = 6-13			
Note: [INFLAMMATION] TGLs = 6-13			
Note: [ACANTHOSIS] TGLs = 6-13			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 1-11			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 4
DOSE: 600 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860148

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ATROPHY] TGLs = 2-11

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 219

TRT#: 4

SEX: Male

DAY ON TEST: 709

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Degeneration	Mild
	Myocardium	Mineralization	Mild
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
Liver		Eosinophilic Focus	
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 2-11			
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Glandular, Mucosa	Mineralization	Marked
Note: [MINERALIZATION] TGLs = 4-6+12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 220

TRT#: 4

SEX: Male

DAY ON TEST: 589

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: [HDN] TGLs = 3-13			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,4,6-2+11+14			
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 221

TRT#: 4

SEX: Male

DAY ON TEST: 712

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 3-13]			
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 2-12			
Liver		Basophilic Focus	
Lung	Alveolus	Inflammation	Subacute, Mild
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: INFLAMMATION, BRAIN, INFLAMMATION, LUNG AND

Animal Note: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 222

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Lung	Peribronchial	Inflammation	Chronic, Focal, Minimal
	Artery	Mineralization	Focal, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Mild
Preputial Gland		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 223

TRT#: 4

SEX: Male

DAY ON TEST: 542

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Osteosarcoma	
Note: [OSTEOSARC] TGLs = 2-11			
Brain		Hydrocephalus	Moderate
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Mixed Cell Focus	
Prostate		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
Note: [HYPERKERATOSIS] TGLs = 3-12			
Note: [ACANTHOSIS] TGLs = 3-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: CRANIAL OSTEOSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 224

TRT#: 4

SEX: Male

DAY ON TEST: 508

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Leukemia Mononuclear Nephropathy	Minimal
Note: [NEPHROPATHY] TGLs = 2-1 [Nephropathy TGLS = 2-1]			
Liver		Hepatocellular Adenoma Hyperplasia Leukemia Mononuclear	Mild
Note: [HEPATOCLR ADEN] TGLs = 6-13 Note: [LEUKEMIA MONUC] TGLs = 4-4+12+13 Note: [HYPERPLASIA] TGLs = 3-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal Mesenteric	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Ectopic Tissue	
Note: [ECT TISSUE] TGLs = 7-14 Note: ECTPIC TISSUE IN PANCREAS IS SPLEEN			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 5-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 4
DOSE: 600 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 508
HISTO: 860154

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: C O MORB: LEUKEMIA MONUC; NEPHROPATHY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 225

TRT#: 4

SEX: Male

DAY ON TEST: 522

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Bone	Tarsal	Fracture Healed	
Note: [FRACT HEALED] TGLs = 1-11			
Brain	Hypothalamus	Compression	Mild
Eye	Cornea	Mineralization	Minimal
Note: [MINERALIZATION] TGLs = 4-13			
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 2-12			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 4

SEX: Male

DAY ON TEST: 522

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860155

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 226

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 1-11			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 227

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Kidney
Mammary Gland
Preputial Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Small - Ileum
Liver
Nose
Prostate
Spleen
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

MISSING

Lymph Node - Mesenteric

Parathyroid Gland

OBSERVATIONS

Heart
Intestine Large

Myocardium
Colon

Inflammation
Parasite Metazoan

Chronic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 228

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Spleen
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Skin
Thyroid Gland

MISSING

Mammary Gland

Preputial Gland

OBSERVATIONS

Bone
Heart
Kidney
Liver
Testes
Thymus

Femur
Myocardium

Bilateral, Interstit Cell
Arteriole

Osteopetrosis
Degeneration
Nephropathy
Clear Cell Focus
Adenoma
Giant Cell

Moderate
Multifocal, Minimal
Multifocal, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 229

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Cecum	Mammary Gland	Skin
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OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
Mesentery		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Pancreas	Duct	Ectasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 230

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 6-1]			
Liver		Hepatocellular Adenoma	
		Hyperplasia	Marked
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 5			
Note: [HYPERPLASIA] TGLs = 5-4+14			
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Nares	Inflammation	Suppurative, Moderate
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 230

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860160

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 3-13

Note: [ATROPHY] TGLs = 4-13

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 231

TRT#: 4

SEX: Male

DAY ON TEST: 558

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Infarct	Moderate
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: [HDN] TGLs = 4-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3,5-5+6+7+13			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-14			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 231

TRT#: 4

SEX: Male

DAY ON TEST: 558

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860161

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 232

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Prostate
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

OBSERVATIONS

Heart
Lymph Node

Myocardium
Mesenteric

Inflammation
Infiltration Cellular

Chronic, Multifocal, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 233

TRT#: 4

SEX: Male

DAY ON TEST: 703

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 1-11			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
Note: [DEGEN] TGLs = 6-14			
Note: [MIXED CL FOCUS] TGLs = 4			
Note: [EOSIN FOCUS] TGLs = 6			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Hyperkeratosis	Moderate
Note: [HYPERKERATOSIS] TGLs = 3-12			
Note: [ACANTHOSIS] TGLs = 3-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 233

TRT#: 4

SEX: Male

DAY ON TEST: 703

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860163

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

Animal Note: HEMANGIOSARCOMA OF HEART

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 234

TRT#: 4

SEX: Male

DAY ON TEST: 687

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 6-1]			
Lung	Interstitial	Inflammation	Chronic, Minimal
Note: [INFLAMMATION] TGLs = 5-2+3			
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland			
Note: NO CORRESP LESION FOR PITUITARY FOCUS SEEN AT NECROPSY			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Infarct	Marked
[Infarct TGLS = 2-12]			
Stomach	Forestomach	Ulcer	Moderate
Note: [ULCER] TGLs = 7-13			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 4-10+11			
Note: [ATROPHY] TGLs = 3-10			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 234

TRT#: 4

SEX: Male

DAY ON TEST: 687

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860164

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: SPLENIC INFARCT; NEPHROPATHY, STOMACH ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 235

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Preputial Gland
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Prostate
Spleen
Trachea

OBSERVATIONS

Heart
Kidney
Liver
Testes
Note: [ADENOMA] TGLs = 1-10
Thyroid Gland

Myocardium

Interstit Cell
C Cell

Degeneration
Nephropathy
Basophilic Focus
Adenoma

Hyperplasia

Multifocal, Moderate
Multifocal, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 236

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Seminal Vesicle
Stomach - Glandular

Bone
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Prostate
Spleen
Trachea

MISSING

Mammary Gland

Pituitary Gland

OBSERVATIONS

Heart
Kidney
Liver

Myocardium

Degeneration
Nephropathy
Basophilic Focus
Mixed Cell Focus

Moderate
Moderate

Note: [MIXED CL FOCUS] TGLs = 1,3

Pancreas
Preputial Gland
Testes

Acinus

Atrophy
Inflammation
Adenoma

Minimal
Chronic, Mild

Note: [ADENOMA] TGLs = 2-12

Thyroid Gland

C Cell

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 237

TRT#: 4

SEX: Male

DAY ON TEST: 94

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Preputial Gland
Spleen
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

OBSERVATIONS

Salivary Glands

Acinus, Parotid GI
Acinus, Parotid GI

Cytoplasmic Alteration
Vacuolization Cytoplasmic

Focal, Minimal
Focal, Minimal

Note: PAROTID GL CYTOPL ALTER CONSISTS OF BASOPHILIA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 238

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney		Nephropathy	Multifocal, Minimal
Liver		Clear Cell Focus	
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 1-7			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 239

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
			[Nephropathy TGLS = 7-1]
Liver		Hyperplasia	Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
			Note: [ADENOMA] TGLs = 1-13
Prostate		Inflammation	Suppurative, Minimal
Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
			Note: [LEUKEMIA MONUC] TGLs = 2-12
Stomach			Note: NO CORRESP LESION FOR STOMACH NODULES SEEN AT NECROPSY
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 239

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860169

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 3-10

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 240

TRT#: 4

SEX: Male

DAY ON TEST: 634

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Lung		Inflammation	Granulomatous, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 2-12			
Tooth	Gingiva	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 3-13			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: SUAMOUS CELL CARCINOMA, TONGUE AND GINGIVA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 241

TRT#: 4

SEX: Male

DAY ON TEST: 645

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Trachea		

MISSING

Epididymis	Preputial Gland	Prostate	Seminal Vesicle
Testes	Urinary Bladder		

AUTO PRECLUDES DIAG.

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

Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
Liver		Basophilic Focus	
		Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Stomach	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 4-13			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 242

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
Liver		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	Multiple
		Leukemia Mononuclear	
Note: [HEPATOCLR ADEN] TGLs = 6,8-13+14			
Note: SEEN AT NECROPSY			
Note: NO CORRESP LESION FOR LEFT LAT LIVER LOBE FOCUS			
Note: [LEUKEMIA MONUC] TGLs = 5-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 9,10-2+6+15			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242	TRT#: 4 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 860172
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 3-12			
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 243

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Sem Ves			
Note: NO CORRESP LESION FOR SMALL SEMINAL VESICLE SEEN AT NECR			
Testes	Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 244

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 9-1]		
Liver		Hyperplasia	Marked
		Leukemia Mononuclear	
	Note: [HYPERPLASIA] TGLs = 3,4,5,6,7,8-4+11+12+13+14+15		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 1-16		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: [ADENOMA] TGLs = 2-17		
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 244

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860174

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 245

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 246

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Spleen
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Preputial Gland
Skin
Thymus

MISSING

Mammary Gland

OBSERVATIONS

Heart
Kidney
Liver
Pancreas
Pituitary Gland
 Note: [CYST] TGLs = 1-7
Testes
Thyroid Gland

Myocardium

Acinus
Pars Distalis

Interstit Cell
C Cell

Degeneration
Nephropathy
Clear Cell Focus
Atrophy
Cyst

Adenoma
Hyperplasia

Multifocal, Moderate
Multifocal, Minimal

Minimal
Moderate

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 247

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
Liver		Basophilic Focus	
		Hyperplasia	Moderate
Note: NO CORRESP LESION FOR PIGMENT SEEN AT TRIM IN LEFT			
Note: [HYPERPLASIA] TGLs = 6-15			
Note: LATERAL LOBE OF LIVER			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 5-14			
Skin	Epidermis	Acanthosis	Moderate
	Epidermis	Hyperkeratosis	Moderate
Note: [ACANTHOSIS] TGLs = 1-11			
Note: [HYPERKERATOSIS] TGLs = 1-11			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 4
DOSE: 600 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860177

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 248

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Note: [PHEOCHROM BGN] TGLs = 2-12			
Ear	Pinna	Fibrosarcoma	
Note: [FIBROSARC] TGLs = 5-14			
Heart	Myocardium	Degeneration	Moderate
Intestine Large	Colon	Edema	Moderate
Note: [EDEMA] TGLs = 8-17			
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Focal, Marked
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
Note: [DEGEN] TGLs = 1		Fibrosis	Focal, Mild
Note: [CLEAR CL FOCUS] TGLs = 6-4+11+12			
Note: [FIBROSIS] TGLs = 1			
Note: [ANGIECTASIS] TGLs = 1			
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 7-16			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 4
DOSE: 600 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860178

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 3,4-13

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 249

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-1]		
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-11]		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: [ADENOMA] TGLs = 1-12		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 250

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Trachea	

MISSING

Mammary Gland	Skin
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OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Bone		Osteopetrosis	Mild
Heart	Myocardium	Degeneration	Moderate
Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-15			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1,4-7+11			
Mesentery		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-13			
Note: [INFLAMMATION] TGLs = 6-13			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 4
DOSE: 600 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860180

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LEUKEMIA MONUC] TGLs = 2-14		
Stomach	Forestomach	Squamous Cell Papilloma
Note: [PAPILLOMA SQUA] TGLs = 5-12		
Testes	Bilateral, Interstit Cell	Adenoma
Note: [ADENOMA] TGLs = 3-10		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
Urinary Bladder		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Seminal Vesicle
Stomach - Glandular

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Skin
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Liver
Mammary Gland
Pituitary Gland
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Salivary Glands
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Heart
Kidney
Mesentery
Note: [INFLAMMATION] TGLs = 1-11
Preputial Gland
Prostate
Testes
Thyroid Gland

Myocardium

Bilateral, Interstit Cell
C Cell

Degeneration
Nephropathy
Inflammation

Inflammation
Inflammation
Adenoma
Hyperplasia

Multifocal, Minimal
Multifocal, Minimal
Chronic, Moderate

Chronic, Minimal
Chronic, Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Male

DAY ON TEST: 668

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus	Urinary Bladder
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OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland		Abscess	Marked
Note: [ABSCESS] TGLs = 2-7			
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Forestomach	Ulcer	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ABSCESS, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Male

DAY ON TEST: 715

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

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

Heart	Myocardium	Degeneration	Marked
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
Liver			
Note: NO CORRESP LESION FOR LIVER FOCI SEEN AT TRIM			
Lung	Interstitialium	Inflammation	Chronic, Mild
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1,2-11			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Histiocytic, Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 8-1]			
Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: [BASOPH FOCUS] TGLs = 4,7-4+12			
Note: [MIXED CL FOCUS] TGLs = 5			
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 9-10			
Prostate		Inflammation	Suppurative, Minimal
Spleen		Fibrosis	Mild
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Note: [FIBROSIS] TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-14			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Male

DAY ON TEST: 519

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4,5,6-4+13			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-7			
Mesentery		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 7-14			
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Skin		Hemorrhage	Minimal
	Subcut Tiss	Leukemia Mononuclear	
Note: [HEMORRHAGE] TGLs = 8-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255	TRT#: 4	SEX: Male	DAY ON TEST: 519
	DOSE: 600 PPM	DISP: Moribund Sacrifice	HISTO: 860185

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
Note: [LEUKEMIA MONUC]	TGLs = 3-11	
Testes	Bilateral, Interstit Cell	Adenoma
Note: [ADENOMA]	TGLs = 2-10	
Thyroid Gland	C Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Male

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Forestomach

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Trachea

MISSING

Thymus

OBSERVATIONS

Heart
Kidney
Liver

Myocardium

Degeneration
Nephropathy
Basophilic Focus
Clear Cell Focus
Mixed Cell Focus

Minimal
Mild

Note: [MIXED CL FOCUS] TGLs = 4-14

Note: [CLEAR CL FOCUS] TGLs = 4-14

Lung
Mesentery

Interstitium
Fat

Inflammation
Necrosis

Chronic, Mild
Mild

Note: [NECROSIS] TGLs = 3-11

Preputial Gland
Skin

Inflammation
Basosquamous Tumor Benign

Chronic, Minimal

Note: [BASOSQU TM BGN] TGLs = 2-13

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 1-12

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Degeneration	Cystic, Minimal
		Necrosis	Coagulative, Minimal
Lymph Node	Mediastinal, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 3-13			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Infarct	Marked
Note: [INFARCT] TGLs = 1-11			
Stomach	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 4-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
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	Testes	Thyroid Gland	Trachea

MISSING

Thymus

OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Urinary Bladder	Lumen	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Male

DAY ON TEST: 675

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
Liver		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 2-4			
Lymph Node			
Note: NO CORRESP LESION FOR ENLARGED MAND L N SEEN AT NECROPSY			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-12			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Infarct	Moderate
Note: [INFARCT] TGLs = 5-13			
Stomach	Forestomach	Ulcer	Moderate
Note: [ULCER] TGLs = 6-14			
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Male

DAY ON TEST: 675

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860189

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: PITUITARY ADENOMA, NEPHROPATHY, SPLENIC INFARCT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Multifocal, Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Lung	Interstitial	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-2]			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Male

DAY ON TEST: 592

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone	Synovial Tiss	Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 7-12			
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[Leukemia Mononuclear TGLS = 9-1]			
Liver		Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4+15			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-5+11			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Infarct	Marked
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-13+14			
Note: [INFARCT] TGLs = 2-14			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Male

DAY ON TEST: 592

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860191

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: [ATROPHY] TGLs = 6-10			
Note: [ADENOMA] TGLs = 5-10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Male

DAY ON TEST: 616

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Skin
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Liver
Mammary Gland
Preputial Gland
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Ileum
Lung
Nose
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

MISSING

Intestine Small - Duodenum

AUTO PRECLUDES DIAG.

Pancreas

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: c o death: unknown

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Male

DAY ON TEST: 653

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Note: [CLEAR CL FOCUS] TGLs = 5-13			
Mesentery	Fat	Necrosis	Marked
Note: [NECROSIS] TGLs = 4-12			
Nose		Fungus	
	Nares	Inflammation	Suppurative, Mild
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2,3-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROMA OF SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 4-14			
Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 6-4+16			
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Sem Ves			
Note: NO CORRESP LESION FOR SEMINAL VESICLE SMALLNESS SEEN			
Note: AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860194

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Follicle

Adenoma

Mild

C Cell

Hyperplasia

Note: [ADENOMA] TGLs = 5-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
Note: [HDN] TGLs = 5-14			
Note: [MIXED CL FOCUS] TGLs = 6-15			
Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
Note: [ADENOMA] TGLs = 2-12			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Male

DAY ON TEST: 368

DOSE: 600 PPM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Mammary Gland
Prostate
Testes

Adrenal Gland - Medulla
Esophagus
Nose
Salivary Glands
Trachea

Bone
Kidney
Parathyroid Gland
Seminal Vesicle

Bone Marrow
Lymph Node - Mandibular
Pituitary Gland
Skin

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Thyroid Gland

Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Urinary Bladder

Intestine Large - Rectum
Islets, Pancreatic
Stomach - Forestomach

Intestine Small - Duodenum
Liver
Stomach - Glandular

OBSERVATIONS

Brain

Infarct
Leukemia Mononuclear

Moderate

Note: [LEUKEMIA MONUC] TGLs = 4-5

Note: [INFARCT] TGLs = 4-5

Heart

Myocardium

Degeneration
Leukemia Mononuclear

Mild

Lung

Preputial Gland

Spleen

Inflammation
Leukemia Mononuclear

Chronic, Mild

Note: [LEUKEMIA MONUC] TGLs = 2-11

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Multifocal, Minimal
Liver		Clear Cell Focus	
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Nodular, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Skin
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Prostate
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Thymus

OBSERVATIONS

Heart Myocardium
Kidney [Nephropathy TGLS = 5-1]
Liver Note: NO CORRESP LESION FOR MEDIAN LOBE FOCUS FOUND AT TRIM
Pancreas Acinus
Preputial Gland Note: [ADENOMA] TGLs = 1-11
Spleen Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY
Note: [FIBROSIS] TGLs = 2-12
Testes Bilateral, Interstit Cell Note: [ADENOMA] TGLs = 4,6-13
Thyroid Gland C Cell

Degeneration
Nephropathy
Leukemia Mononuclear
Atrophy
Adenoma
Fibrosis
Adenoma
Hyperplasia

Moderate
Marked
Minimal
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Male

DAY ON TEST: 674

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Note: APPEARANCE OF LEFT ADRENAL GL SEEN AT NECROPSY			
Note: NO CORRESP LESION FOR YELLOW/BROWN, GRANULAR			
Blood Vessel	Aorta	Mineralization	Mild
Bone	Femur	Fibrous Osteodystrophy	
Heart	Myocardium	Mineralization	Moderate
Kidney		Nephropathy	Marked
Note: [NEPHROPATHY] TGLs = 1-11			
Liver		Degeneration	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Moderate
Parathyroid Gland		Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 4-14			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Stomach	Glandular, Mucosa	Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-13			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 5-1]		
Liver		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 4-14		
Lung		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 6-3+15		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 3,7,8,9-2+5+13+16+17+18		
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 2-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860200

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ADENOMA] TGLs = 1-11

Thymus

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Male

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Preputial Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Spleen		Fibrosis	Mild
Note: [FIBROSIS] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2=10			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Artery	Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-12			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ATROPHY] TGLs = 1-11			
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary 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 = 3-1]			
Pancreas	Artery	Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Mild
Kidney		Cyst	
		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 4-12 [Nephropathy TGLS = 3-12]			
Liver		Clear Cell Focus	
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skel Muscle			
Note: NO CORRESP LESION FOR DIAPHRAGMATIC HERNIA SEEN AT NECR			
Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 1-1]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Male

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Moderate
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-11			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: [FIBROSIS] TGLs = 3-12			
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: [ADENOMA] TGLs = 5,6-10			
Note: [ATROPHY] TGLs = 4-10			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 276

TRT#: 4

SEX: Male

DAY ON TEST: 702

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart	Myocardium	Mineralization	Moderate
Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	
Parathyroid Gland		Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic, Moderate
Skin		Cyst Epithelial Inclusion	
Note: [CYST EPITH INC] TGLs = 2-11			
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Glandular, Mucosa	Mineralization	Moderate
Note: [HYPERKERATOSIS] TGLs = 4-12			
Note: [ACANTHOSIS] TGLs = 4-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 277

TRT#: 4

SEX: Male

DAY ON TEST: 695

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	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	Spleen	Stomach - Forestomach	Thymus
Trachea			

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Intestine Large	Cecum	Ulcer	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung	Alveolus	Inflammation	Subacute, Mild
Stomach	Glandular, Mucosa	Mineralization	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder		Adenoma	
Note: [ADENOMA] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: URINARY BLADDER ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Male

DAY ON TEST: 94

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Epididymis			
Note: ABSENCE OF SPERM NOTED IN RIGHT EPIDIDYMISS			
Lung	Interstitialium	Inflammation	Chronic, Focal, Minimal
Testes	Right, Seminif Tub	Atrophy	Marked
	Interstitial Cell, Right	Hyperplasia	Marked
Note: [ATROPHY] TGLs = 1-10			
Urinary Bladder	Lumen	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	[Nephropathy TGLS = 3-1]		
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 1-11		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: [ADENOMA] TGLs = 2-10		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-10			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860210

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 5
DOSE: 0 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 96
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 282

TRT#: 5

SEX: Female

DAY ON TEST: 708

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Parathyroid Gland
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 1-11			
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-15			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 5-14			
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: [ADENOMA] TGLs = 2-12			
Spleen		Infarct	Moderate
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Note: [INFARCT] TGLs = 4-13			
Stomach	Glandular	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 282

TRT#: 5

SEX: Female

DAY ON TEST: 708

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860072

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Ulcer

Marked

Note: [INFLAMMATION] TGLs = 8-16

Note: [ULCER] TGLs = 7-16

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 283

TRT#: 5

SEX: Female

DAY ON TEST: 93

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Bone Marrow
Harderian Gland
Heart
Lymph Node

Femoral
Myocardium
Mesenteric

Hyperplasia
Inflammation
Inflammation
Infiltration Cellular

Reticulum Cell, Mild
Chronic, Multifocal, Minimal
Chronic, Multifocal, Minimal
Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 284

TRT#: 5

SEX: Female

DAY ON TEST: 95

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Harderian Gland
Lymph Node

Femoral
Mesenteric

Hyperplasia
Inflammation
Infiltration Cellular

Reticulum Cell, Mild
Chronic, Multifocal, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 285

TRT#: 5

SEX: Female

DAY ON TEST: 660

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Infarct	Mild
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 7-5+14			
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary		Leukemia Mononuclear	
Spleen		Infarct	Mild
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 1-13			
Note: [LEUKEMIA MONUC] TGLs = 2-13			
Stomach	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 285

TRT#: 5

SEX: Female

DAY ON TEST: 660

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860075

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ULCER] TGLs = 4,5,6-11+12

Thyroid Gland

C Cell

Hyperplasia

Mild

Uterus

Cervix, Epithelium

Hyperplasia

Mild

Leukemia Mononuclear

Note: [HYPERPLASIA] TGLs = 3-12

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 286

TRT#: 5

SEX: Female

DAY ON TEST: 707

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 4-5			
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Stomach	Glandular	Ulcer	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 286

TRT#: 5

SEX: Female

DAY ON TEST: 707

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860076

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Cervix, Epithelium

Hyperplasia

Moderate

Note: [HYPERPLASIA] TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 287

TRT#: 5

SEX: Female

DAY ON TEST: 704

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Liver		Basophilic Focus	
Mammary Gland		Adenoma	
		Fibroadenoma	
Note: [ADENOMA] TGLs = 1-12			
Note: [FIBROADENOMA] TGLs = 2-11			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA, ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 288

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	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

Heart	Myocardium	Degeneration	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 2-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 289

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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 Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 290

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Islets, Pancreatic		Adenoma	
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Inflammation	Granulomatous, Mild
Note: [INFLAMMATION] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 291

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12+13+14			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-15			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 292

TRT#: 5

SEX: Female

DAY ON TEST: 673

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Intermed	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROADENOMA OF MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 293

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 294

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
Note: [ACANTHOSIS] TGLs = 3-12			
Note: [HYPERKERATOSIS] TGLs = 3-12			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 295

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Heart
Liver

Mammary Gland
Note: [FIBROADENOMA] TGLs = 1-11
Thyroid Gland

Myocardium

C Cell

Degeneration
Basophilic Focus
Inflammation
Fibroadenoma

Hyperplasia

Multifocal, Minimal

Granulomatous, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 296

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: [BASOPH FOCUS] TGLs = 2-4+12			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Minimal
Note: [NECROSIS] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 297

TRT#: 5

SEX: Female

DAY ON TEST: 96

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Peribronchiolr	Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Mild
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 298

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Kidney
Liver

Cortex

Hyperplasia
Nephropathy
Basophilic Focus
Inflammation
Hyperplasia

Nodular, Minimal
Multifocal, Minimal
Granulomatous, Minimal
Minimal

Thyroid Gland

C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 299

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Spleen
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Stomach - Glandular

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Skin
Thymus

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney
Liver
Pancreas
Thyroid Gland
Uterus

Acinus
C Cell

Nephropathy
Inflammation
Atrophy
Hyperplasia
Polyp Stromal

Multifocal, Minimal
Granulomatous, Minimal
Minimal
Minimal

Note: [POLYP STROMAL] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 300

TRT#: 5

SEX: Female

DAY ON TEST: 596

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Medulla	Hematopoietic Cell Proliferation	Mild
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-12]		
Thyroid Gland	C Cell	Hyperplasia	Mild
Tissue NOS		Chemodectoma Malignant	

Note: [CHEMODECTO MAL] TGLs = 2-11

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: CHEMODECTOMA MALIGNANT, TISSUE NOS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 301

TRT#: 5

SEX: Female

DAY ON TEST: 94

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Bone Marrow
Harderian Gland
Intestine Large
Lymph Node

Femoral

Colon
Mesenteric

Hyperplasia
Inflammation
Parasite Metazoan
Infiltration Cellular

Reticulum Cell, Minimal
Chronic, Multifocal, Minimal

Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 302

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 5-10			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hyperplasia	Lymphoid, Histiocytic, Marked
Lymph Node	Mediastinal, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 6-12			
Ovary		Inflammation	Granulomatous, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			
Spleen		Hyperplasia	Lymphoid, Minimal
Note: [HYPERPLASIA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 303

TRT#: 5

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 705

HISTO: 860093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Note: NO CORRERSP LESION FOR SMALL RIGHT ADRENAL SEEN AT NECR			
Bone Marrow	Femoral	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Moderate
Note: [NECROSIS] TGLs = 5,6-4+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 3-2			
Mesentery	Fat	Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 303

TRT#: 5

SEX: Female

DAY ON TEST: 705

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860093

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O DEATH: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 304

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland
Liver
Mesentery
Note: [INFLAMMATION] TGLs = 1-11
Thyroid Gland

C Cell

Inflammation
Inflammation
Inflammation
Hyperplasia

Chronic, Minimal
Granulomatous, Minimal
Chronic, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 305

TRT#: 5

SEX: Female

DAY ON TEST: 725

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung	Interstitium	Inflammation	Chronic, Minimal
		Mesothelioma Malignant	
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 2-12			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-5+13			
Skeletal Muscle		Sarcoma	
Note: [SARCOMA] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

Animal Note: ADENOMA; MESOTHELIOMA OF PLEURA

Animal Note: C O DEATH: SARCOMA NOS, SKELETAL MUSCLE OF BACK; PITUITARY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 306

TRT#: 5

SEX: Female

DAY ON TEST: 534

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 307

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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 Gland	Cortex	Adenoma	
Bone		Osteopetrosis	Moderate
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 308

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	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	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
		Fibroadenoma	
Mammary Gland			
Note: [FIBROADENOMA] TGLs = 1-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 309

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Cortex
Myocardium

Adenoma
Degeneration
Nephropathy
Basophilic Focus
Inflammation

Minimal
Minimal
Granulomatous, Minimal

Note: [BASOPH FOCUS] TGLs = 1-11

Mammary Gland
Thyroid Gland

C Cell

Hyperplasia
Adenoma

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 310

TRT#: 5

DOSE: 0 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 676

HISTO: 860100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 311

TRT#: 5

SEX: Female

DAY ON TEST: 96

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Bone Marrow
Harderian Gland
Kidney
Lymph Node

Femoral
Renal Tubule
Mesenteric

Hyperplasia
Inflammation
Mineralization
Infiltration Cellular

Reticulum Cell, Mild
Chronic Active, Multifocal, Mild
Multifocal, Minimal
Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 312

TRT#: 5

SEX: Female

DAY ON TEST: 571

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Acanthosis	Mild
		Hyperkeratosis	Mild
Note: [HYPERKERATOSIS] TGLs = 3-12			
Note: [ACANTHOSIS] TGLs = 3-12			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROADENOMA OF MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 313

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Clitoral Gland Mammary Gland

OBSERVATIONS

Adrenal Gland
Kidney
Liver

Cortex

Hyperplasia
Nephropathy
Basophilic Focus
Clear Cell Focus
Hepatodiaphragmatic Nodule
Mixed Cell Focus

Minimal
Mild

Note: [HDN] TGLs = 2-13

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 1-11

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 314

TRT#: 5

DOSE: 0 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 698

HISTO: 860104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-11			
Liver		Fatty Change	Marked
[Fatty Change TGLS = 2-12]			
Lung	Interstitialium	Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 3-13			
Spleen		Depletion Lymphoid	Mild
Stomach	Glandular	Ulcer	Minimal
Note: [ULCER] TGLs = 4-14			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FATTY CHANGE OF LIVER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 315

TRT#: 5

SEX: Female

DAY ON TEST: 715

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: [CARCINOMA] TGLs = 2-11			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lymph Node	Inguinal, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 3-13			
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: CLITORAL GL ADENOMA, MAMMARY GL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 316

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Salivary Glands
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Nose
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Ovary
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Heart	Myocardium	Degeneration Leukemia Mononuclear	Minimal
Kidney		Leukemia Mononuclear Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mesenteric	Leukemia Mononuclear Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia Leukemia Mononuclear	Moderate
Note: [HYPERPLASIA] TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 317

TRT#: 5

SEX: Female

DAY ON TEST: 704

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 318

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Ovary		Cyst	
Note: [CYST] TGLs = 3-10			
Skin	Subcut Tiss	Fibrosarcoma	
Note: [FIBROSARC] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 319

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 320

TRT#: 5

SEX: Female

DAY ON TEST: 93

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Harderian Gland
Lymph Node

Femoral

Mesenteric

Hyperplasia
Inflammation
Infiltration Cellular

Reticulum Cell, Minimal
Chronic, Multifocal, Minimal
Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 321

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 322

TRT#: 5

SEX: Female

DAY ON TEST: 704

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	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		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12			
Peripheral Nerve	Sciatic	Schwannoma Malignant	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GLAND FIBROADENOMAS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 323

TRT#: 5

SEX: Female

DAY ON TEST: 451

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Liver	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 Gland	Cortex	Hyperplasia	Moderate
Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Minimal
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PIUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 324

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Minimal
Liver		Basophilic Focus	
		Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-13			
Note: [BASOPH FOCUS] TGLs = 3-4+13			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 325

TRT#: 5

SEX: Female

DAY ON TEST: 671

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
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	

MISSING

Clitoral Gland

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-11			
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 1-7			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GLAND FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 326

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-10			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 327

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 328

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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

Mammary Gland	Parathyroid Gland
---------------	-------------------

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 329

TRT#: 5

SEX: Female

DAY ON TEST: 676

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	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			

MISSING

Clitoral Gland

OBSERVATIONS

Eye Note: [CATARACT] TGLs = 1-11	Lens	Cataract	Moderate
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland Note: [FIBROADENOMA] TGLs = 2-12		Fibroadenoma	
Pituitary Gland Note: [ADENOMA] TGLs = 3-13	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 330

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-11			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
Note: [HYPERKERATOSIS] TGLs = 3-12			
Note: [ACANTHOSIS] TGLs = 3-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 331

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: [INFLAMMATION] TGLs = 3,4-4+13			
Note: [BASOPH FOCUS] TGLs = 3,4-4+13			
Lung	Interstitium	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 2-12			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 332

TRT#: 5

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 3-10			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Note: SEEN AT TRIM			
Note: NO CORRESP LESION FOR 3X3X3 MM NODULE OF LIVER			
Lung		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
Note: [GRANLSA TM MAL] TGLs = 7-2+3+11			
Ovary		Granulosa Cell Tumor Malignant	
Note: [GRANLSA TM MAL] TGLs = 1-12+13			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Note: [CYST] TGLs = 6-7			
Note: [HYPERPLASIA] TGLs = 6-7			
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: [HEMA CELL PROL] TGLs = 4-15			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Cervix	Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 332

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860122

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SQUAM CEL CARC] TGLs = 5-14

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 333

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

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

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

Uterus

OBSERVATIONS

Bone

Femur

Osteopetrosis

Marked

Bone Marrow

Femoral

Atrophy

Marked

Heart

Myocardium

Degeneration

Multifocal, Minimal

Kidney

Nephropathy

Multifocal, Minimal

Liver

Inflammation

Granulomatous, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 1-7

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 334

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 335

TRT#: 5

SEX: Female

DAY ON TEST: 573

DOSE: 0 PPM

DISP: Natural Death

HISTO: 860125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

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

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular

MISSING

Thymus

OBSERVATIONS

Adrenal Gland
Note: [PHEOCHROM MAL] TGLs = 2-11

Medulla

Pheochromocytoma Malignant

Kidney
Liver
Lung

Nephropathy
Basophilic Focus

Minimal

Note: NO CORRESP LESION FOR LUNG REDNESS SEEN AT NECROPSY

Uterus

Polyp Stromal

Note: [POLYP STROMAL] TGLs = 3-12

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: MALIGNANT PHEOCHROMOCYTOMA OF ADRENAL MEDULLA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 336

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Heart
Kidney
Liver

Myocardium

Degeneration
Nephropathy
Basophilic Focus
Inflammation
Hyperplasia
Adenoma
Adenoma

Minimal
Minimal
Granulomatous, Minimal
Cystic, Mild

Mammary Gland
Pituitary Gland
Thyroid Gland

Pars Distalis
C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 337

TRT#: 5

SEX: Female

DAY ON TEST: 94

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Minimal
Harderian Gland		Inflammation	Chronic, Multifocal, Minimal
Kidney	Renal Tubule	Mineralization	Multifocal, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 338

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Heart	Myocardium	Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Multifocal, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 339

TRT#: 5

SEX: Female

DAY ON TEST: 680

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose
Ovary	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-11			
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-13+14			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 339

TRT#: 5

SEX: Female

DAY ON TEST: 680

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860129

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, MAMM GL FIBROADENOMAS,

Animal Note: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 340

TRT#: 5

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus

MISSING

Parathyroid Gland

OBSERVATIONS

Bone	Femur	Osteopetrosis	Moderate
Kidney		Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 341

TRT#: 5

SEX: Female

DAY ON TEST: 95

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Harderian Gland
Lymph Node

Femoral
Mesenteric

Hyperplasia
Inflammation
Infiltration Cellular

Reticulum Cell, Minimal
Chronic, Multifocal, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 342

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Note: [NEPHROPATHY] TGLs = 3-1			
Liver		Inflammation	Granulomatous, Mild
Note: [INFLAMMATION] TGLs = 2,4-4			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 5-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 343

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 3-13			
Lymph Node	Mesenteric, Sinus	Ectasia	Moderate
Note: [ECTASIA] TGLs = 4-6			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-12			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 344

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 345

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	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 Gland	Medulla	Hyperplasia	Mild
Eye			
Note: EYE AT NECROPSY			
Note: NO CORRESP LESION FOR OPAQUE APPEARANCE OF RIGHT			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Ovary			
Note: NO CORRESP LESION FOR OVARIAN CYST NOTED AT NECROPSY			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Thyroid Gland	C Cell	Adenoma	
Uterus			
Note: NO CORRESP LESION FOR UTERINE HORN SMALLNESS SEEN AT NECR			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 346

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
	Artery	Inflammation	Chronic, Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 347

TRT#: 5

SEX: Female

DAY ON TEST: 554

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 860137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gl

Note: NO CORRESP LESION FOR CLIT GL FOCUS SEEN AT NECROPSY

Heart Endothelium Hyperplasia Mild

Lung Mediastinum Schwannoma Malignant

Note: [SCHWANNOMA MAL] TGLs = 3-2+3+11

Spleen Hematopoietic Cell Proliferation Moderate

Thymus Mediastinum Schwannoma Malignant

Note: [SCHWANNOMA MAL] TGLs = 3-2+3+11

Thyroid Gland C Cell Hyperplasia Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MALIGNANT SCHWANNOMA OF MEDIASTINUM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 348

TRT#: 5

SEX: Female

DAY ON TEST: 94

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Harderian Gland
Lymph Node

Femoral
Mesenteric

Hyperplasia
Inflammation
Infiltration Cellular

Reticulum Cell, Mild
Chronic, Multifocal, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 349

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	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		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 2-11			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: [FIBROADENOMA] TGLs = 1-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 350

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 860140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	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 Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone		Osteopetrosis	Moderate
Brain	Hypothalamus	Compression	Moderate
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860492

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Basophilic Focus

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860493

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Basophilic Focus

Inflammation

Granulomatous, Minimal

Pituitary Gland

Pars Distalis

Hyperplasia

Mild

Uterus

Polyp Stromal

Note: [POLYP STROMAL] TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Lacrimal Gland
Nose
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Spleen
Trachea

OBSERVATIONS

Heart
Kidney
Liver
Mammary Gland
Pancreas
Pituitary Gland
Note: [ADENOMA] TGLs = 1-11
Thyroid Gland

Myocardium

Artery
Pars Distalis

C Cell

Degeneration
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation
Adenoma

Hyperplasia

Mild
Minimal

Cystic, Mild
Chronic, Mild

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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 Gland	Cortex	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-11			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 2,3-12+13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-15			
Spleen			
Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 611

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Glandular
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

MISSING

Clitoral Gland

OBSERVATIONS

Heart
Kidney
Liver
Skin
 Note: [FIBROMA] TGLs = 2-11
Thyroid Gland
Vagina
 Note: [INFILTRAT CELL] TGLs = 1-12

Myocardium

Subcut Tiss

C Cell

Degeneration
Nephropathy
Basophilic Focus
Fibroma

Hyperplasia
Infiltration Cellular

Mild
Minimal

Minimal
Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROMA OF SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 666

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-7			
Mammary Gland		Hyperplasia	Cystic, Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Cortex
Myocardium

Hyperplasia
Degeneration
Nephropathy
Basophilic Focus
Hepatodiaphragmatic Nodule

Mild
Minimal
Minimal

Note: [HDN] TGLs = 2-12

Mammary Gland
Pituitary Gland

Pars Distalis

Hyperplasia
Hyperplasia

Cystic, Minimal
Mild

Note: [HYPERPLASIA] TGLs = 1-11

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 3-12			
Note: [HYPERPLASIA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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 Gland	Medulla	Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 3,4-13			
Heart	Atrium	Thrombosis	
Kidney		Nephropathy	Minimal
Liver		Necrosis	Coagulative, Moderate
Note: [NECROSIS] TGLs = 6,7-4+15			
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 5-14			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMAS, CLIT GL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 701

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Necrosis	Coagulative, Minimal
Lung	Alveolus	Inflammation	Subacute, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: [HYPERPLASIA] TGLs = 1-5+7			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nares	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: PNEUMONIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Basophilic Focus

Inflammation

Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 366

TRT#: 6

SEX: Female

DAY ON TEST: 476

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 2-12			
Kidney		Nephropathy	Minimal
Lung	Alveolus	Inflammation	Subacute, Moderate
Lymph Node			
Note: NO CORRESP LESION FOR ENLARGED CERVICAL L NODE SEEN			
Note: IN WET TISSUE			
Note: AT NECROPSY BECAUSE THE NODES COULD NOT BE FOUND			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Intermed	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Thymus			
Note: NO CORRESP LESION FOR THYMIC ENLARGEMENT SEEN AT NECR			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: PNEUMONIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 368

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860508

OBSERVATIONS

Kidney

Liver

Nephropathy

Basophilic Focus

Hepatodiaphragmatic Nodule

Multifocal, Minimal

Note: [HDN] TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860510

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Angiectasis

Focal, Mild

Basophilic Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 371

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: SEEN AT TRIM			
Note: NO CORRESP LESION FOR LEFT LATERAL LIVER LOBE NODULE			
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+13			
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 372

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	

Note: [HDN] TGLs = 3-13

Note: NO CORRESP LESION FOR DEFORMITY OF LEFT LATERAL LOBE

Note: OF THE LIVER SEEN AT TRIM

Mammary Gland

Fibroadenoma

Multiple

Note: [FIBROADENOMA] TGLs = 1,2-11+12

Pituitary Gland

Pars Distalis

Adenoma

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 374

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 719

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Marked
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
		Leukemia Mononuclear	
Intestine Small	Duodenum	Ulcer	Moderate
		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
		Note: [LEUKEMIA MONUC] TGLs = 2-4	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Note: [LEUKEMIA MONUC] TGLs = 1,4-2+11		
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose			
	Note: NO CORRESP LESION FOR PERFORATION OF NOSE SEEN AT NECR;		
	Note: PROBABLY THERE WAS A SOFT TISSUE ABSCESS OF THE FACE		
	Note: WHICH RUPTURED PRIOR TO TRIM		
Skin	Subcut Tiss	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 860515
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: [LEUKEMIA MONUC] TGLs = 3-12		Leukemia Mononuclear	
Stomach Note: [ULCER] TGLs = 6-6+13	Glandular	Ulcer	Moderate
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: DUODENAL ULCERS

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY, STOMACH AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

OBSERVATIONS

Heart
Kidney
Liver
Mammary Gland
Note: [FIBROADENOMA] TGLs = 2-12
Pituitary Gland
Note: [HYPERPLASIA] TGLs = 3-13
Thyroid Gland
Uterus
Note: [DILATATION] TGLs = 1-11

Myocardium

Pars Distalis

C Cell

Degeneration
Nephropathy
Basophilic Focus
Fibroadenoma

Hyperplasia

Adenoma
Dilatation

Mild
Minimal

Mild

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

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

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

Uterus

OBSERVATIONS

Clitoral Gland

Inflammation

Chronic, Minimal

Heart

Myocardium

Degeneration

Mild

Intestine Large

Colon

Parasite Metazoan

Kidney

Nephropathy

Minimal

Liver

Basophilic Focus

Mammary Gland

Hyperplasia

Cystic, Moderate

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Brain
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Clitoral Gland
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland
Bone
Heart
Kidney
Liver

Cortex
Myocardium

Hyperplasia
Osteopetrosis
Degeneration
Nephropathy
Basophilic Focus

Minimal
Moderate
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 2-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone		Osteopetrosis	Mild
Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 2-12			
Heart	Myocardium	Degeneration	Minimal
Liver		Basophilic Focus	
Note: NO CORRESP LESION FOR WHITE PIGMENT OF LIVER SEEN AT NECR			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Ovary			
Note: NO CORRESP LESION FOR ENLARGED LEFT OVARY SEEN AT NECR			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-16			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 4-14			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 381

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
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 Gland	Medulla	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 383

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Bone		Osteopetrosis	Moderate
Brain	Hypothalamus	Compression	Marked
		Infarct	Moderate
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: [HYPERPLASIA] TGLs = 2-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Skin			
Note: NO CORRESP LESION FOR ABD SKIN ALOPECIA SEEN AT NECR			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 384

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860525

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Basophilic Focus

Inflammation

Granulomatous, Minimal

Lymph Node

Mandibular, Sinus

Ectasia

Mild

Note: [ECTASIA] TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 386

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Minimal
	Atrium	Thrombosis	
Intestine Large	Cecum	Ulcer	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: [HDN] TGLs = 2-13			
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-7			
Spleen		Infarct	Mild
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 4-12			
Note: [LEUKEMIA MONUC] TGLs = 3-12			
Stomach	Glandular	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 386

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860526

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ULCER] TGLs = 6-6+14

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Heart
Kidney
Liver
Lung
Pituitary Gland
Note: [ADENOMA] TGLs = 1-11
Thyroid Gland

Myocardium

Pars Distalis
C Cell

Inflammation
Degeneration
Nephropathy
Basophilic Focus
Alveolar/Bronchiolar Adenoma
Adenoma

Hyperplasia

Chronic, Minimal
Mild
Mild

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860528

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Angiectasis

Focal, Mild

Basophilic Focus

Vacuolization Cytoplasmic

Focal, Minimal

Note: [VACUOLIZ CYTO] TGLs = 1-12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 389

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

OBSERVATIONS

Intestine Large
Kidney
Liver

Colon

Parasite Metazoan
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation

Mild
Mild
Granulomatous, Minimal

Note: [HYPERPLASIA] TGLs = 1-4

Mammary Gland
Stomach

Hyperplasia

Cystic, Mild

Note: GLANDULAR STOMACH SEEN AT NECROPSY

Note: NO CORRESP LESION FOR IRREGULAR RED/WHITE AREA OF

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 390

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12+13			
Mesentery		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 391

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	Follicle	Dilatation	Mild
	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Small - Duodenum
Lung
Nose
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Heart
Intestine Large
Kidney
Liver

Myocardium
Colon

Degeneration
Parasite Metazoan
Nephropathy
Basophilic Focus
Hepatodiaphragmatic Nodule
Inflammation

Mild
Minimal
Granulomatous, Mild

Note: [HDN] TGLs = 3-11

Ovary

Note: [CYST] TGLs = 1-12

Pancreas
Pituitary Gland
Uterus

Acinus
Pars Distalis

Cyst
Atrophy
Hyperplasia
Polyp Stromal

Minimal
Minimal

Note: [POLYP STROMAL] TGLs = 2-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 150 PPM

DISP: Scheduled Sacrifice

HISTO: 860533

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Inflammation

Granulomatous, Minimal

Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Eye Note: [CATARACT] TGLs = 1-11	Lens	Cataract	Moderate
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 395

TRT#: 6

SEX: Female

DAY ON TEST: 676

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-12			
Note: [HDN] TGLs = 3-13			
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Stomach	Forestomach	Ulcer	Mild
Note: NO CORRESP LESION FOR SPHERICAL FORESTOMACH NODULE			
Note: [ULCER] TGLs = 5-15			
Note: SEEN AT TRIM			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 396

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 2-4+11			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 1-12			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: [FIBROADENOMA] TGLs = 3-13			
Ovary		Cyst	
Note: [CYST] TGLs = 5-10			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Angiectasis	Focal, Moderate
		Basophilic Focus	
		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 399

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Trachea

MISSING

Thymus

OBSERVATIONS

Heart
Kidney
Liver

Myocardium

Degeneration
Nephropathy
Angiectasis
Basophilic Focus
Fibroadenoma

Minimal
Minimal
Focal, Minimal

Mammary Gland

Note: [FIBROADENOMA] TGLs = 1-11

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400

TRT#: 6
DOSE: 150 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Basophilic Focus

Inflammation

Granulomatous, Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 401

TRT#: 6
DOSE: 150 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860541

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 402

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Infarct	Moderate
		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Leukemia Mononuclear	
Spleen		Infarct	Mild
		Leukemia Mononuclear	
Note: [INFARCT] TGLs = 4-14			
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Stomach	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 3-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 402

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860542

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Uterus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 403

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: [INFLAMMATION] TGLs = 2-4+11			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 405

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 3-4+12			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 406

TRT#: 6

SEX: Female

DAY ON TEST: 643

DOSE: 150 PPM

DISP: Natural Death

HISTO: 860546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin
Thymus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular, Sinus	Ectasia	Minimal
	Mediastinal	Leukemia Mononuclear	
Note: [ECTASIA] TGLs = 1-7			
Note: [LEUKEMIA MONUC] TGLs = 3-2			
Mesentery		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2,4-11+12			
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 408

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Glandular
Uterus

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Inflammation
Nephropathy
Basophilic Focus
Inflammation
Fibroadenoma

Chronic, Minimal
Minimal
Granulomatous, Minimal

Mammary Gland

Note: [FIBROADENOMA] TGLs = 2-12

Skin

Note: [FIBROMA] TGLs = 1-11

Subcut Tiss

Fibroma

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 2-12	Medulla	Pheochromocytoma Malignant	
Bone		Osteopetrosis	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
Note: [CLEAR CL FOCUS] TGLs = 4-14			
Ovary Note: [CYST] TGLs = 1-11		Cyst	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland Note: [ADENOMA] TGLs = 3-13	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 410

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Hyperplasia	Mild

Note: NO CORRESP LESION FOR CAUDATE LOBE NODULE SEEN AT TRIM

Note: [HYPERPLASIA] TGLs = 4-13

Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Cyst	
Thyroid Gland	Follicle	Dilatation	Minimal
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 411

TRT#: 6

SEX: Female

DAY ON TEST: 522

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: [ADENOMA] TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Stomach	Forestomach	Ulcer	Mild
Note: [ULCER] TGLs = 4-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: [HYPERPLASIA] TGLs = 1-7			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 414

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 415

TRT#: 6

SEX: Female

DAY ON TEST: 600

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: 860555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 3-12			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	

[Leukemia Mononuclear TGLS = 1-11]

Stomach

Note: AT NECROPSY; THE TUNICA MUSCULARIS IS DISCONTINUOUS,

Note: DUE TO ITS HAVING BEEN CUT WHILE THE PROSECTOR WAS

Note: NO CORRESP LESION FOR DEFORMITY OF FORESTOMACH SEEN

Note: INCISING THE ABDOMEN; I.E., IS AN ARTIFACT

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 415

TRT#: 6
DOSE: 150 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 600
HISTO: 860555

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Heart
Kidney
Liver

Myocardium

Inflammation
Degeneration
Nephropathy
Basophilic Focus
Hepatodiaphragmatic Nodule

Chronic, Minimal
Minimal
Minimal

Note: [HDN] TGLs = 1-11

Mammary Gland
Pituitary Gland

Pars Distalis

Hyperplasia
Hyperplasia

Cystic, Minimal
Mild

Note: [HYPERPLASIA] TGLs = 2-12

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 417

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Lung	Interstitial	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,4-11+14			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-12			
Stomach			
Note: NO CORRESP LESION FOR FORESTOMACH RUPTURE SEEN AT NECROPSY			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 419

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 860559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

OBSERVATIONS

Heart
Kidney
Liver

Mammary Gland
Pituitary Gland
Thyroid Gland

Myocardium

Pars Distalis
C Cell

Degeneration
Nephropathy
Basophilic Focus
Clear Cell Focus
Hyperplasia
Adenoma
Hyperplasia

Mild
Minimal

Cystic, Moderate

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 421

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 5			
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen			
Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY			
Thyroid Gland	C Cell	Adenoma	
Uterus		Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 4-14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 422

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860352

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 423

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thymus

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Kidney

Inflammation
Cyst
Nephropathy

Chronic, Mild

Mild

[Nephropathy TGLS = 1-1]

Liver
Mammary Gland
Pituitary Gland
Stomach
Thyroid Gland

Pars Distalis
Glandular, Mucosa
C Cell

Basophilic Focus
Hyperplasia
Hyperplasia
Mineralization
Hyperplasia

Cystic, Moderate
Moderate
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 425

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 427

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 428

TRT#: 7

SEX: Female

DAY ON TEST: 707

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6,7,8-4+17+18+19			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 4-12			
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 1-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-11			
Stomach	Glandular	Leukemia Mononuclear	
	Forestomach	Ulcer	Moderate
Note: [LEUKEMIA MONUC] TGLs = 5-6+16			
Note: [ULCER] TGLs = 2-6+15			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, STOMACH ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 429

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
Note: [BASOPH FOCUS] TGLs = 2-11			
Note: [MIXED CL FOCUS] TGLs = 2-11			
Lung	Interstitium	Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Thyroid Gland	Follicle	Dilatation	Moderate
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 430

TRT#: 7

SEX: Female

DAY ON TEST: 619

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular	Salivary Glands
-------------------------	-----------------

OBSERVATIONS

Clitoral Gland		Adenoma Inflammation	Chronic, Minimal
Note: [ADENOMA] TGLs = 5-11			
Kidney		Leukemia Mononuclear Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-4			
Lung		Inflammation Leukemia Mononuclear	Granulomatous, Minimal
Note: [LEUKEMIA MONUC] TGLs = 1-2+3			
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 4-7			
Skin	Subcut Tiss	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 430

TRT#: 7

SEX: Female

DAY ON TEST: 619

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860360

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O MORB: LEUKEMIA MONUC, CLITORAL GL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 431

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 432

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 960362

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 433

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Esophagus			
Note: NO CORRESP LESION FOR DILATED ESOPHAGUS SEEN AT NECROPSY			
Kidney		Nephropathy	Mild
Note: [NEPHROPATHY] TGLs = 2-1			
Lung		Adenocarcinoma	Metastatic (Thyroid Gland)
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: [HYPERPLASIA] TGLs = 1-11			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-14			
Thyroid Gland	Follicle	Adenocarcinoma	
	C Cell	Hyperplasia	Mild
Note: [ADENOCARC] TGLs = 3-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 434

TRT#: 7

SEX: Female

DAY ON TEST: 662

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY EDENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 435

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Uterus

Bone
Esophagus
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

MISSING

Thymus

OBSERVATIONS

Heart
Intestine Large
Kidney
Liver

Myocardium
Colon

Degeneration
Parasite Metazoan
Nephropathy
Basophilic Focus
Inflammation
Hyperplasia

Mild
Minimal
Granulomatous, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 436

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Cortex
Myocardium

Hyperplasia
Degeneration
Nephropathy
Basophilic Focus
Mixed Cell Focus

Minimal
Mild
Minimal

Note: [BASOPH FOCUS] TGLs = 1,2-11

Mammary Gland
Thyroid Gland

C Cell

Hyperplasia
Hyperplasia

Cystic, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 437

TRT#: 7

SEX: Female

DAY ON TEST: 96

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 438

TRT#: 7

SEX: Female

DAY ON TEST: 652

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	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	
Note: OF THE LIVER SEEN AT NECROPSY			
Note: NO CORRESP LESION FOR NODULE OF THE LEFT LATERAL LOBE			
Lung			
Note: NO CORRESP LESIONS FOR PINK AND RED AREAS OF LUNG			
Note: SEEN AT NECROPSY			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GLAND FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 439

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Mixed Cell Focus	
		Fibroadenoma	
Mammary Gland			
Note: [FIBROADENOMA] TGLs = 1-12			
Ovary	Follicle	Cyst	
Note: [CYST] TGLs = 3-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 440

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Hyperplasia	Mild
		Mixed Cell Focus	
Note: [HYPERPLASIA] TGLs = 2-11			
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 441

TRT#: 7

SEX: Female

DAY ON TEST: 397

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Heart Myocardium
Liver
Note: NO CORRESP LESION FOR MOTTLED APPEARANCE OF LIVER AT NECR
Lung

Degeneration

Minimal

Foreign Body
Inflammation

Mild
Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442

TRT#: 7
DOSE: 300 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Basophilic Focus

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 443

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Bone
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

OBSERVATIONS

Clitoral Gland
Note: [INFLAMMATION] TGLs = 2-11
Intestine Large
Kidney
Liver
Mammary Gland
Note: [FIBROADENOMA] TGLs = 1-12
Thyroid Gland

Colon

C Cell

Inflammation

Parasite Metazoan
Nephropathy
Basophilic Focus
Fibroadenoma

Hyperplasia

Chronic, Mild

Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 444

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860374

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

Liver

Inflammation

Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 446

TRT#: 7

SEX: Female

DAY ON TEST: 723

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
		Inflammation	Chronic, Minimal
Note: [ADENOMA] TGLs = 1-11			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 3-13			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Stomach	Glandular	Ulcer	Mild
Note: [ULCER] TGLs = 5-15			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: UTERINE POLYP, STOMACH ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 447

TRT#: 7

SEX: Female

DAY ON TEST: 635

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

OBSERVATIONS

Brain
Clitoral Gland
Kidney
Liver
Pituitary Gland
Note: [ADENOMA] TGLs = 1-11
Thyroid Gland

Hypothalamus

Pars Distalis
C Cell

Compression
Inflammation
Nephropathy
Basophilic Focus
Adenoma

Hyperplasia

Marked
Chronic, Minimal
Mild

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 7
DOSE: 300 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 450

TRT#: 7

SEX: Female

DAY ON TEST: 729

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-12			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hyperplasia	Mild
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
Note: [HYPERPLASIA] TGLs = 6-16			
Note: [MIXED CL FOCUS] TGLs = 4-15			
Note: [BASOPH FOCUS] TGLs = 4-4+15			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-13+14			
Spleen			
Note: NO CORRESP LESION FOR ENLARGED SPLEEN SEEN AT NECROPSY			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 451

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

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

Parathyroid Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Trachea

Urinary Bladder

Uterus

MISSING

Thymus

OBSERVATIONS

Brain

Hypothalamus

Compression

Mild

Clitoral Gland

Adenoma

Inflammation

Chronic, Mild

Note: [ADENOMA] TGLs = 2-12

Heart

Myocardium

Degeneration

Minimal

Kidney

Nephropathy

Basophilic Focus

Mild

Liver

Clear Cell Focus

Inflammation

Granulomatous, Minimal

Mammary Gland

Hyperplasia

Cystic, Moderate

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 1-11

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 452

TRT#: 7

SEX: Female

DAY ON TEST: 628

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea			

OBSERVATIONS

Brain		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 7-5+11		
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 1,2,3-2+7+13		
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 5-10		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 4-12		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 6-14		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 452

TRT#: 7

SEX: Female

DAY ON TEST: 628

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860382

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O DEATH: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 453

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Heart
Kidney
Liver
Mammary Gland

Myocardium

Inflammation
Degeneration
Nephropathy
Basophilic Focus
Fibroadenoma

Chronic, Minimal
Minimal
Minimal

Note: [FIBROADENOMA] TGLs = 1,3-11+13

Pituitary Gland

Pars Distalis

Angiectasis

Moderate

Note: [ANGIECTASIS] TGLs = 2-12

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454

TRT#: 7
DOSE: 300 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 860384

OBSERVATIONS

Kidney
Liver
Mesentery
 [Inflammation TGLS = 1-11]
Pituitary Gland

Pars Distalis

Nephropathy
Inflammation
Inflammation
Hyperplasia

Multifocal, Minimal
Granulomatous, Mild
Chronic, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 455

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 457

TRT#: 7

SEX: Female

DAY ON TEST: 696

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-15			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal, Sinus	Ectasia	Mild
	Mesenteric, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 1,3,7-11+12+16			
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary		Cyst	
Note: [CYST] TGLs = 5-14			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-13			
Stomach	Glandular	Ulcer	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 458

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12			
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 459

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Inflammation

Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 460

TRT#: 7

SEX: Female

DAY ON TEST: 682

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Brain	Hypothalamus	Compression	Moderate
		Infarct	Mild
		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Hyperplasia	Cystic, Marked

Note: [LEUKEMIA MONUC] TGLs = 6-4+14

Note: [LEUKEMIA MONUC] TGLs = 5-6+13

Note: [HYPERPLASIA] TGLs = 2-12

Note: SEEN AT NECROPSY

Note: NO CORRESP LESION FOR YELLOW FOCI OF RT OVARY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 460

TRT#: 7

SEX: Female

DAY ON TEST: 682

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860390

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
		Adenoma	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicle	Dilatation	Mild
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, LEUKEMIA MONUC

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 461

TRT#: 7

SEX: Female

DAY ON TEST: 383

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: FIBROADENOMA OF MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 463

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	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			

OBSERVATIONS

Eye Note: [CATARACT] TGLs = 2-12	Lens	Cataract	Marked
Heart Islets, Pancreatic Note: [ADENOMA] TGLs = 5-14	Myocardium	Degeneration Adenoma	Minimal
Kidney		Nephropathy	Minimal
Liver Note: [HYPERPLASIA] TGLs = 6-15		Basophilic Focus Hyperplasia	Mild
Mammary Gland Note: [FIBROADENOMA] TGLs = 1-11		Fibroadenoma Hyperplasia	Cystic, Minimal
Spleen Note: NO CORRESP LESION FOR SPLENIC NODULE SEEN AT NECROPSY			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus Note: [POLYP STROMAL] TGLs = 3-13		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 464

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	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		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 3-13			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
Note: [CLEAR CL FOCUS] TGLs = 4-14			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Spleen		Inflammation	Granulomatous, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 465

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus

OBSERVATIONS

Clitoral Gland
Note: [INFLAMMATION] TGLs = 2-12+13

Inflammation
Chronic, Moderate

Kidney
Liver
Pituitary Gland
Note: [ADENOMA] TGLs = 1-11

Nephropathy
Basophilic Focus
Adenoma

Pars Distalis

Thyroid Gland
C Cell

Hyperplasia
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 466

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Skin
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Thymus

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Inflammation
Nephropathy
Basophilic Focus
Inflammation
Mixed Cell Focus

Chronic, Minimal
Minimal
Granulomatous, Minimal

Note: [CLEAR CL FOCUS] TGLs = 5-4

Lung
Mammary Gland

Carcinoma
Fibroadenoma

Metastatic (Thyroid Gland)

Note: [FIBROADENOMA] TGLs = 1-11

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 4-14

Spleen

Inflammation

Granulomatous, Moderate

Note: [INFLAMMATION] TGLs = 2,3-13+14

Stomach

Glandular, Mucosa

Mineralization

Minimal

Thyroid Gland

C Cell

Carcinoma

Note: [CARCINOMA] TGLs = 6-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 467

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus

Kidney

OBSERVATIONS

Esophagus

Note: NO CORRESP LESION FOR ESOPHAGEAL ENLARGEMT SEEN AT TRIM

Liver

Basophilic Focus

Inflammation

Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 468

TRT#: 7

SEX: Female

DAY ON TEST: 704

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: [BASOPH FOCUS] TGLs = 4-4			
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 2-7			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland		Necrosis	Liquifactive, Mild
Note: [NECROSIS] TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 470

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 471

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 2-12			
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 472

TRT#: 7

SEX: Female

DAY ON TEST: 730

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Clitoral Gland		Inflammation	Chronic, Minimal
Eye		Hemorrhage	Moderate
Note: BLOOD SAMPLE COLLECTION			
Note: [HEMORRHAGE] TGLs = 2-12			
Note: OCCULAR HEMORRHAGE IS VERY ACUTE; PROBABLY CAUSED BY			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung	Interstitialium	Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 473

TRT#: 7

SEX: Female

DAY ON TEST: 689

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

OBSERVATIONS

Heart
Kidney
Liver
Mammary Gland
Thyroid Gland

Myocardium

C Cell

Degeneration
Nephropathy
Basophilic Focus
Hyperplasia
Hyperplasia

Minimal
Minimal

Cystic, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 475

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: NO CORRESP LESION FOR LIVER NODULES SEEN AT TRIM			
Lung	Interstitialium	Inflammation	Chronic, Minimal
Mammary Gland		Adenoma	
		Fibroadenoma	
Note: [ADENOMA] TGLs = 2-12			
Note: [FIBROADENOMA] TGLs = 1-11			
Ovary	Follicle	Cyst	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 476

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicle	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 477

TRT#: 7

SEX: Female

DAY ON TEST: 456

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO: 860407

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 478

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Inflammation

Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 479

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Adenoma Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-11 Note: [ADENOMA] TGLs = 4-11			
Eye	Lens	Cataract	Moderate
Note: [CATARACT] TGLs = 2-12			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 480

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

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

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Kidney
Liver
Mesentery
Note: [NECROSIS] TGLs = 1-11
Thyroid Gland

Fat

C Cell

Nephropathy
Basophilic Focus
Necrosis
Hyperplasia

Minimal
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 481

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular

OBSERVATIONS

Heart Myocardium
Kidney
Liver

Degeneration
Nephropathy
Basophilic Focus
Mixed Cell Focus

Minimal
Minimal

Note: [MIXED CL FOCUS] TGLs = 3-4+13

Spleen

Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECROPSY

Thyroid Gland C Cell
Uterus

Hyperplasia
Polyp Stromal

Mild

Note: [POLYP STROMAL] TGLs = 2-12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 482

TRT#: 7

SEX: Female

DAY ON TEST: 680

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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 - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone		Osteopetrosis	Marked
Brain	Hypothalamus	Compression	Marked
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, NEPHROPATHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 483

TRT#: 7

SEX: Female

DAY ON TEST: 689

DOSE: 300 PPM

DISP: Moribund Sacrifice

HISTO: 860413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain	Hypothalamus	Compression	Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Stomach	Glandular	Ulcer	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 484

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	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		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: [BASOPH FOCUS] TGLs = 5-4+15			
Lymph Node			
Note: NO CORRESP LESION FOR ENLARGED MEDIASTINAL LYMPH			
Note: NODE SEEN AT NECROPSY			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	Multiple
Tongue		Acanthosis	Mild
		Hyperkeratosis	Mild
Note: [ACANTHOSIS] TGLs = 3-13			
Note: [HYPERKERATOSIS] TGLs = 3-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 485

TRT#: 7

SEX: Female

DAY ON TEST: 378

DOSE: 300 PPM

DISP: Natural Death

HISTO: 860415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Skin
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Lung
Note: [INFLAMMATION] TGLs = 2-2+3
Pituitary Gland
Spleen
[Depletion Lymphoid TGLS = 1-1]

Alveolus
Pars Distalis

Inflammation
Hyperplasia
Depletion Lymphoid

Subacute, Mild
Mild
Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: LUNG INFLAMMATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 486

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Ear	Pinna	Fibroma	
Note: [FIBROMA] TGLs = 1-11			
Heart	Myocardium	Degeneration	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: NO CORRESP LESION FOR LIVER CYST SEEN AT TRIM		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 487

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	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	
		Clear Cell Focus	
Note: [BASOPH FOCUS] TGLs = 1-4+11			
Note: [CLEAR CL FOCUS] TGLs = 1-11			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 488

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: [HYPERPLASIA] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 489

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 3-13			
Mesentery		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 490

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 300 PPM

DISP: Terminal Sacrifice

HISTO: 860420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	

Note: [POLYP STROMAL] TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 491

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Esophagus			
Note: NO CORRESP LESION FOR ESOPHAGEAL DILATATION SEEN AT NECR			
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 1-11			
Nose	Nares	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O DEATH: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 492

TRT#: 8

SEX: Female

DAY ON TEST: 619

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Trachea

MISSING

Thymus

OBSERVATIONS

Heart
Kidney
Liver
 Note: [BASOPH FOCUS] TGLs = 2-4
Pituitary Gland
Thyroid Gland
Uterus
 Note: [LEIOMYOMA] TGLs = 1-11

Myocardium

Pars Distalis
C Cell

Degeneration
Nephropathy
Basophilic Focus

Cyst
Hyperplasia
Leiomyoma

Minimal
Minimal

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEIOMYOMA OF UTERUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 493

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Ear
Note: [SCHWANNOMA MAL] TGLs = 1-11
Heart
Liver
Thyroid Gland

Pinna
Myocardium
C Cell

Schwannoma Malignant
Degeneration
Basophilic Focus
Hyperplasia

Multifocal, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 494

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Lymph Node

Femoral
Mesenteric

Hyperplasia
Infiltration Cellular

Reticulum Cell, Minimal
Histocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 495

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Ovary
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

Pituitary Gland

OBSERVATIONS

Bone Marrow
Liver
Lung
Lymph Node

Femoral
Periportal
Peribronchiolr
Mesenteric

Hyperplasia
Inflammation
Inflammation
Infiltration Cellular

Reticulum Cell, Minimal
Chronic, Minimal
Chronic Active, Multifocal, Minimal
Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 496

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone

Bone Marrow

Brain

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

Uterus

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Mild

Clitoral Gland

Inflammation

Chronic, Minimal

Heart

Myocardium

Degeneration

Moderate

Kidney

Nephropathy

Mild

[Nephropathy TGLS = 1-1]

Liver

Basophilic Focus

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 2-7

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 498

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Clitoral Gland		Adenoma Inflammation	Chronic, Moderate
Note: [ADENOMA] TGLs = 1-11			
Heart	Myocardium	Degeneration Adenoma	Mild
Islets, Pancreatic			
Note: [ADENOMA] TGLs = 4-14			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus Hepatocellular Adenoma	Multiple
Note: [HEPATOCLR ADEN] TGLs = 6-16			
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 5-15			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 7-17			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 3-10+13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 498

TRT#: 8

DOSE: 600 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860218

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 499

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Spleen
Trachea

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Clitoral Gland
Note: [INFLAMMATION] TGLs = 1-11

Inflammation
Chronic, Mild

Heart
Kidney
Liver
Myocardium

Degeneration
Nephropathy
Basophilic Focus
Clear Cell Focus
Mixed Cell Focus
Fibroadenoma

Mammary Gland
Note: [FIBROADENOMA] TGLs = 2-12

Pancreas
Pituitary Gland
Acinus
Pars Distalis

Atrophy
Adenoma

Thyroid Gland
Note: [ADENOMA] TGLs = 3-13

C Cell
Hyperplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 500

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 501

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

OBSERVATIONS

Bone
Heart
Kidney
 Note: [NEPHROPATHY] TGLs = 1-1
Liver
Thyroid Gland

Femur
Myocardium

C Cell

Osteopetrosis
Degeneration
Nephropathy

Inflammation
Hyperplasia

Moderate
Multifocal, Minimal
Multifocal, Mild

Granulomatous, Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 502

TRT#: 8

SEX: Female

DAY ON TEST: 509

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Thymus
----------------	--------

OBSERVATIONS

Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: FIBROADENOMA OF MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 503

TRT#: 8

SEX: Female

DAY ON TEST: 709

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC, MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 504

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Clitoral Gland

Esophagus

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

Uterus

OBSERVATIONS

Kidney

Nephropathy

Multifocal, Mild

Liver

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Minimal

Note: [HDN] TGLs = 1-11

Pituitary Gland

Pars Distalis

Degeneration

Cystic, Minimal

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 505

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Minimal
Brain			
Note: ACCUMULATION OF ERYTHROCYTES NEAR			
Note: HIPPOCAMPUS VIEWED AS AGONAL			
Liver		Inflammation	Granulomatous, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 506	TRT#: 8	SEX: Female	DAY ON TEST: 456
	DOSE: 600 PPM	DISP: Scheduled Sacrifice	HISTO: 860226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 507

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Bone Marrow
Harderian Gland
Intestine Large
Lymph Node

Femoral
Rectum
Mesenteric

Hyperplasia
Inflammation
Parasite Metazoan
Infiltration Cellular

Reticulum Cell, Minimal
Chronic, Focal, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 508

TRT#: 8

SEX: Female

DAY ON TEST: 620

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Glandular

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Skin
Trachea

OBSERVATIONS

Heart
Kidney

Leukemia Mononuclear
Leukemia Mononuclear
Nephropathy
Hyperplasia
Leukemia Mononuclear

Minimal
Mild

Note: [HYPERPLASIA] TGLs = 4-12
Note: [LEUKEMIA MONUC] TGLs = 3-4

Lung
Lymph Node
Mammary Gland
Pancreas
Pituitary Gland
Spleen

Mandibular
Acinus
Pars Distalis

Leukemia Mononuclear
Leukemia Mononuclear
Hyperplasia
Atrophy
Hyperplasia
Leukemia Mononuclear

Cystic, Mild
Minimal
Moderate

Note: [LEUKEMIA MONUC] TGLs = 1-11
Thyroid Gland

C Cell

Hyperplasia
Leukemia Mononuclear

Minimal

Uterus
Note: [LEUKEMIA MONUC] TGLs = 2-10

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 509

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Lung			
Note: LUNG NOTED AND CONSIDERED AGONAL			
Note: ARTERIAL AND PERIARTERIAL EDEMA OF			
Lymph Node	Mesenteric	Infiltration Cellular	Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 510

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
Note: [BASOPH FOCUS] TGLs = 3-13			
Note: [LEUKEMIA MONUC] TGLs = 4-4+13			
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-14			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 6-15			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 511

TRT#: 8

SEX: Female

DAY ON TEST: 698

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Liver		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Stomach	Forestomach	Ulcer	Marked
Note: [ULCER] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, STOMACH ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 512

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Serosa	Hemorrhage	Mild
		Leukemia Mononuclear	
Note: [HEMORRHAGE] TGLs = 3-13			
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Skin	Subcut Tiss	Neurofibrosarcoma	
Note: [NEUROFIBROSARC] TGLs = 1-11			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 513

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 514

TRT#: 8

SEX: Female

DAY ON TEST: 648

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Thymus
Trachea	Uterus		

OBSERVATIONS

Heart	Myocardium	Degeneration	Mild
Kidney		Hydronephrosis	Mild
Liver		Basophilic Focus	
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
Note: [ECTASIA] TGLs = 2-12			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Ulcer	Minimal
	Glandular	Ulcer	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: HYDRONEPHROSIS, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 515

TRT#: 8

SEX: Female

DAY ON TEST: 648

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Clitoral Gland
Liver

Inflammation
Basophilic Focus
Clear Cell Focus
Fibroadenoma

Chronic, Mild

Mammary Gland

Note: [FIBROADENOMA] TGLs = 1-11

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GLAND FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 516

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 517

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 2-11			
Note: [BASOPH FOCUS] TGLs = 2-4+11			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 518

TRT#: 8

SEX: Female

DAY ON TEST: 707

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus
Uterus

Bone
Intestine Large - Cecum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Rectum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Esophagus
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Colon

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland
Note: [PHEOCHROM BGN] TGLs = 1-11

Medulla

Pheochromocytoma Benign

Brain

Hypothalamus

Compression

Mild

Clitoral Gland

Inflammation

Chronic, Mild

Kidney

Nephropathy

Mild

Pituitary Gland
Note: [ADENOMA] TGLs = 2-12

Pars Distalis

Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: ADRENAL MEDULLA

Animal Note: C O DEATH: PITUITARY ADENOMA, PHEOCHROMOCYTOMA OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 519

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Spleen			
Note: NO CORRESP LESION FOR SPLENIC ENLARGEMENT SEEN AT NECR			
Stomach			
Note: NECROPSY; ANY PERFORATION OF STOMACH IS ARTIFACTUAL			
Note: NO CORRESP LESION FOR STOMACH PERFORATION SEEN AT			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 520

TRT#: 8

SEX: Female

DAY ON TEST: 715

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Skin
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
	Medulla	Hyperplasia	Mild
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Moderate
Note: [FATTY CHANGE] TGLs = 2-12			
Lung		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Salivary Glands		Inflammation	Acute, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Note: [HEMA CELL PROL] TGLs = 1-11			
Stomach	Glandular	Ulcer	Moderate
Note: [ULCER] TGLs = 4-14			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: INFLAMMATION OF SALIVARY GLAND, STOMACH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 521

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
Note: [HDN] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Thyroid Gland	Follicle	Dilatation	Mild
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 522

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Marked
Eye			
Note: NO CORRESP LESION FOR RIGHT EYE OPACITY SEEN AT NECROPSY			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 5-14			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus			
Note: NO CORRESP LESION FOR UTERINE SMALLNESS SEEN AT NECR			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 523

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 2-12			
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Fatty Change	Mild
Note: [EOSIN FOCUS] TGLs = 3-13			
Note: [BASOPH FOCUS] TGLs = 3-13			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-14			
Stomach	Forestomach	Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 5-15			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 524

TRT#: 8

SEX: Female

DAY ON TEST: 542

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Lung		Abscess	Mild
		Foreign Body	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nares	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 525

TRT#: 8

SEX: Female

DAY ON TEST: 530

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Skin		Ulcer	Moderate
Note: [ULCER] TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: SKIN ULCER AND INFLAMMATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 526

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Moderate
Note: [NEPHROPATHY] TGLs = 2-12			
Liver		Basophilic Focus	
		Hyperplasia	Minimal
		Mixed Cell Focus	
Note: [HYPERPLASIA] TGLs = 4-14			
Lung	Interstitialium	Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 527

TRT#: 8

SEX: Female

DAY ON TEST: 698

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 3-12			
Lung		Alveolar/Bronchiolar Adenoma	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, KERATOACANTHOMA OF SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 528

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 2-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 529

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain	Hypothalamus	Compression	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: OF LIVER			
Note: NO CORRESP LESION FOR FOCUS SEEN AT TRIM ON MEDIAN LOBE			
Lymph Node	Mesenteric, Sinus	Ectasia	Minimal
Note: [ECTASIA] TGLs = 1-11			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 3-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 530

TRT#: 8

SEX: Female

DAY ON TEST: 589

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Leukemia Mononuclear Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3-13			
Pancreas	Acinus	Atrophy	Minimal
Note: NO CORRESP LESION FOR PANCREATIC NODULE SEEN AT NECROPSY			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4			
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-12			
Stomach	Glandular	Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 531

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Note: [INFLAMMATION] TGLs = 3-13			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 6-16			
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 2,4-12+14			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus		Leiomyoma	
Note: [LEIOMYOMA] TGLs = 5-15			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 532

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart	Myocardium	Degeneration	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Note: [NEPHROPATHY] TGLs = 2-12			
Liver		Basophilic Focus	
Note: [CLEAR CL FOCUS] TGLs = 3-4+13			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: [CYST] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 533

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
Note: [BASOPH FOCUS] TGLs = 2-12			
Note: [MIXED CL FOCUS] TGLs = 2-12			
Note: [EOSIN FOCUS] TGLs = 2-12			
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 534

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 2-11			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
Note: [BASOPH FOCUS] TGLs = 4-4+13			
Note: [MIXED CL FOCUS] TGLs = 4-4+13			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 3-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 535

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

MISSING

Clitoral Gland

OBSERVATIONS

Heart
Liver
Mammary Gland
Note: [FIBROADENOMA] TGLs = 1-11
Pituitary Gland
Note: [ADENOMA] TGLs = 2-7
Thyroid Gland

Myocardium

Pars Distalis
C Cell

Degeneration
Basophilic Focus
Fibroadenoma

Adenoma

Hyperplasia

Mild

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 536

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: [HDN] TGLs = 4-14			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-13			
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 537

TRT#: 8

SEX: Female

DAY ON TEST: 647

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Eye	Lens	Cataract	Moderate
Note: [CATARACT] TGLs = 1-11			
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-12			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-7			
Stomach	Glandular	Inflammation	Chronic, Mild
	Forestomach	Ulcer	Marked
Note: [ULCER] TGLs = 5-13			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Dilatation	Minimal
Note: NO CORRESP LESION FOR SMALLNESS OF THYROID SEEN AT NECR			

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA, MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 538

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Liver
Ovary
Skin
Thymus
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

OBSERVATIONS

Heart
Kidney
Lung
 Note: [INFLAMMATION] TGLs = 2-12
Lymph Node
 Note: [ECTASIA] TGLs = 1-11
Pituitary Gland

Myocardium

Interstitial

Mandibular, Sinus

Pars Distalis

Degeneration
Nephropathy
Inflammation

Ectasia

Hyperplasia

Multifocal, Minimal
Multifocal, Mild
Chronic, Minimal

Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 539

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Bone Marrow
Harderian Gland
Liver
Lymph Node

Femoral

Mesenteric

Hyperplasia
Inflammation
Inflammation
Infiltration Cellular

Reticulum Cell, Mild
Chronic, Focal, Minimal
Granulomatous, Minimal
Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 540

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Clitoral Gland
Kidney
Liver

Cortex

Hyperplasia
Inflammation
Nephropathy
Clear Cell Focus
Inflammation

Minimal
Chronic, Minimal
Mild
Granulomatous, Minimal

Note: [CLEAR CL FOCUS] TGLs = 1-11

Mammary Gland
Pituitary Gland
Thyroid Gland

Pars Distalis
C Cell

Hyperplasia
Cyst
Hyperplasia

Cystic, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 541

TRT#: 8

SEX: Female

DAY ON TEST: 620

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 4-10			
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Lung	Alveolus	Inflammation	Subacute, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 3-11			
Ovary		Cyst	
Note: [CYST] TGLs = 1-10			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 542

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Stomach - Glandular
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Spleen
Trachea

OBSERVATIONS

Heart
Kidney
Liver

Myocardium

Degeneration
Nephropathy
Basophilic Focus
Clear Cell Focus
Mixed Cell Focus

Minimal
Minimal

Ovary

Note: NO CORRESP LESION FOR OVARIAN CYST SEEN AT NECR

Pancreas

Acinus
Artery

Atrophy
Inflammation

Minimal
Chronic, Minimal

Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 543

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 3-4+13			
Note: [CLEAR CL FOCUS] TGLs = 3-4+13			
Note: [BASOPH FOCUS] TGLs = 3-4+13			
Ovary		Cyst	
Note: [CYST] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	C Cell	Adenoma	
	Follicle	Adenoma	
Note: [ADENOMA] TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 544

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Mild
Liver		Inflammation	Granulomatous, Mild
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 545

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Tooth

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Glandular
Trachea

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Thymus
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland
Uterus

INSUFFICIENT TISSUE

Clitoral Gland

OBSERVATIONS

Bone Marrow
Liver
Lymph Node
Stomach

Femoral
Mesenteric
Epithelium, Forestomach
Epithelium, Forestomach

Hyperplasia
Inflammation
Infiltration Cellular
Acanthosis
Hyperkeratosis

Reticulum Cell, Minimal
Granulomatous, Minimal
Histiocyte, Mild
Diffuse, Mild
Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 546

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Lymph Node

Femoral
Mesenteric

Hyperplasia
Infiltration Cellular

Reticulum Cell, Minimal
Histocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 547

TRT#: 8

SEX: Female

DAY ON TEST: 466

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: MAMMARY GL FIBROADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 548

TRT#: 8

SEX: Female

DAY ON TEST: 707

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
-------------------------	---------------------------

OBSERVATIONS

Clitoral Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Minimal
Note: [NECROSIS] TGLs = 2-4			
Note: [LEUKEMIA MONUC] TGLs = 2,3-4+12			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 1-11			
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 548

TRT#: 8

SEX: Female

DAY ON TEST: 707

DOSE: 600 PPM

DISP: Natural Death

HISTO: 860268

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: C O DEATH: LEUKEMIA MONUC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 549

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

OBSERVATIONS

Lymph Node

Mesenteric

Infiltration Cellular

Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 550

TRT#: 8

SEX: Female

DAY ON TEST: 541

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Note: NO CORRESP LESION FOR ENLARGED LEFT ADRENAL SEEN AT NECR			
Clitoral Gland	Bilateral	Adenoma	
Note: [ADENOMA] TGLs = 1,4-12+13			
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: CLITORAL GL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 551

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Hypothalamus	Compression	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Ovary		Granulosa Cell Tumor Benign	
Note: THIS GONADAL-STROMAL TYPE OF OVARIAN TUMOR IS			
Note: HAS GRANULOSA-CELL-LIKE ELEMENTS			
Note: MOSTLY SERTOLI CELL-LIKE IN APPEARANCE, BUT ALSO			
Note: [GRANLSA TM BGN] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 552

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
Note: [LEUKEMIA MONUC] TGLs = 1,3,4-4+11+13			
Note: [MIXED CL FOCUS] TGLs = 3,4-13			
Note: [BASOPH FOCUS] TGLs = 1,3,4-4+11+13			
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 2-12			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 553

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Multifocal, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Minimal
Note: [HDN] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Dilatation	Mild
Note: [DILATATION] TGLs = 2-10+12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 554

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO: 860274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Uterus

MISSING

Intestine Large - Rectum

OBSERVATIONS

Kidney
Liver
Thyroid Gland

C Cell

Nephropathy
Basophilic Focus
Hyperplasia

Multifocal, Mild

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 555

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 600 PPM

DISP: Scheduled Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone Marrow
Lymph Node

Femoral
Mesenteric

Hyperplasia
Infiltration Cellular

Reticulum Cell, Mild
Histocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 556

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Brain	Hypothalamus	Compression	Marked
Eye			
Note: NO CORRESP LESION FOR RIGHT EYE OPACITY SEEN AT NECR			
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: C O MORB: PITUITARY ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 557

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary	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		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 558

TRT#: 8

SEX: Female

DAY ON TEST: 695

DOSE: 600 PPM

DISP: Moribund Sacrifice

HISTO: 860278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Ovary	Parathyroid Gland	Salivary Glands	Skin
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Myelofibrosis	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Harderian Gland		Inflammation	Suppurative, Moderate
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 4-14			
Lung		Leukemia Mononuclear	
Lymph Node	Lumbar, Sinus	Ectasia	Mild
	Mesenteric, Sinus	Ectasia	Mild
	Pancreatic	Hematopoietic Cell Proliferation	Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
	Pancreatic	Infiltration Cellular	Histiocyte, Mild
Note: [HYPERPLASIA] TGLs = 6-16			
Note: [INFILTRAT CELL] TGLs = 6-16			
Note: [ECTASIA] TGLs = 5,7-15+17			
[Ectasia TGLS = 6-16]			
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Nares	Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triamterene
CAS Number: 396-01-0

Date Report Requested: 10/22/2014
Time Report Requested: 13:20:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 558	TRT#: 8 DOSE: 600 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 695 HISTO: 860278
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: [LEUKEMIA MONUC] TGLs = 3-13		Leukemia Mononuclear	
Stomach Note: [ULCER] TGLs = 8-18 Note: [INFLAMMATION] TGLs = 9-18	Forestomach Glandular	Inflammation Ulcer	Chronic, Moderate Minimal
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urin Bladder Note: NO CORRESP LESION FOR BLADDER DILATATION SEEN AT NECR			

PRIMARY CAUSE OF DEATH

-

Animal Note: ULCERS AND INFLAMMATION

Animal Note: C O MORB: LEUKEMIA MONUC,NEPHROPATHY,STOMACH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 559

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: [INFLAMMATION] TGLs = 2-4+11			
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05087-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triamterene

CAS Number: 396-01-0

Date Report Requested: 10/22/2014

Time Report Requested: 13:20:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 560

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 600 PPM

DISP: Terminal Sacrifice

HISTO: 860280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Hypothalamus	Compression	Mild
Heart	Myocardium	Degeneration	Mild
Kidney		Nephropathy	Mild
Liver		Clear Cell Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-11]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE