

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C56531
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	02/19/1988

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Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 698
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

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	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Fatty Change	Minimal
Nose	Lumen	Inflammation	Acute, Mild
	Mucosa	Inflammation	Acute, Mild
Pancreas		Inflammation	Chronic, Minimal
Preputial Gland		Abscess	Marked
Note: ABSCESS TGLs = 2-11			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Tooth	Incisor	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Minimal
	Centrilobular	Karyomegaly	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2]		
Preputial Gland		Inflammation	Chronic, Mild
	[Inflammation TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 598 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland	Pancreas
Pituitary Gland	Thymus		

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: OSTEOARTHRITIS.			
Note: TARSAL JOINT ALSO REVEALS ANKYLOSIS AND MARKED			
Note: HYPEROSTOSIS TGLs = 2-12			
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
	Centrilobular	Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Minimal
Skin	Subcut Tiss	Sarcoma	
Note: REVEALED ECTATIC IRREGULARLY-SHAPED EMPTY SPACES.			
Note: EXTENSIVE AREAS OF NECROSIS WERE NOTED IN THE MASS.			
Note: SARCOMA TGLs = 1-11			
Note: PLEOMORPHIC NUCLEI ARRANGED IN SHEETS. FOCAL AREAS			
Note: MASS IS COMPOSED OF PLEOMORPHIC CELLS WITH VERY			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

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	Pancreas	Pituitary Gland	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Gallbladder		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver		Fatty Change	Mild
Lymph Node	Mesenteric	Thrombosis	Mild
Note: THROMBUS TGLs = 2-6			
Nose	Mucosa	Inflammation	Acute, Minimal
Preputial Gland		Abscess	Mild
	Duct	Dilatation	Moderate
Note: ABSCESS TGLs = 1-11			
Note: INFLAMMATION TGLs = 1-11			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic Active, Minimal
Thymus		Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 3-3]			
Kidney	Prox Con Tub	Inflammation	Chronic, Minimal
		Regeneration	Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Moderate
	Centrilobular	Karyomegaly	Mild
		Mixed Cell Focus	Mild
		Necrosis	Coagulative, Mild
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hemorrhage	Mild

Note: ANGIECTASIS TGLs = 1-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Coagulating Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Pituitary Gland	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 8-11 Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Epididymis		Inflammation	Chronic, Minimal
Gallbladder		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Lymphoma Malignant Mixed	
	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-7			
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: NECROSIS TGLs = 4-3 Note: DEGEN TGLs = 4-3 Note: HEPATOCLR ADEN TGLs = 2-3,3-3,5-3,6-3			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Cyst	Minimal
Thyroid Gland	Follicle	Cyst	Minimal
Urinary Bladder		Calculus Gross Observation	
		Inflammation	Chronic, Minimal

Note: CALCUS GRO OBS TGLs = 7
Note: NO SECTION OF THE CALCULUS WAS MADE.

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: HYPEROSTOSIS TGLs = 3-11			
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Fatty Change	Minimal
		Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Prostate		Inflammation	Chronic, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Tooth	Incisor	Abscess	Moderate
	Incisor	Dysplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TO THE DECAL TECHNIQUE.			
Note: OBSERVED IN THE MARROW SPACES. THIS IS PROBABLY RELATED			
Note: WHAT APPEAR TO BE POLARIZABLE ARTIFACTUAL CRYSTALS WERE			
[Hyperostosis TGLS = 2-3]			
Kidney		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 1-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland			

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 6-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Epididymis		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: A TRABECULAR PATTERN WAS NOTED IN FOCAL AREAS OF			
Note: HEPATOCLR ADEN TGLs = 3-3+3.1,4-3+3.1,5-3+3.1			
Note: THE CARCINOMA.			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: CAUSE OF INVASION INTO A BRONCHIOLE, AND CYTOLOGIC			
Note: FEATURES.			

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Mouse/B6C3F1

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Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE LUNG TUMOR WAS DIAGNOSED AS A CARCINOMA BE-
[Alveolar/Bronchiolar Carcinoma TGLS = 1-1]

Lymph Node	Mesenteric Mesenteric Mesenteric	Angiectasis Hyperplasia Infiltration Cellular	Mild Lymphoid, Minimal Histiocyte, Mild
Note: ANGIECTASIS TGLs = 2-6			
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Mild
Thyroid Gland	Follicle	Cyst	Minimal
Urinary Bladder		Calculus Micro Observation Only Inflammation	Mild Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Eye

OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Chronic, Mild
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Eye			
Note: ONLY LENS EXAM, NO ABNORMALITIES. ENLARGEMENT OF			
Note: EYE WAS RELATED TO RETROBULBAR ADENOMA ON SLIDE 11			
Harderian Gland		Adenoma	
		Inflammation	Chronic, Minimal
Note: ADENOMA TGLs = 6-11			
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA MEST. LN BORDERS ON NEOPLASIA.			
Note: ANGIECTASIS TGLs = 4-6			
Note: HYPERPLASIA TGLs = 2-2			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

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CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Thymus		Cyst	Minimal
Tooth	Incisor	Dysplasia	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
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Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 1-3			
Kidney		Glomerulosclerosis	Marked
Liver	Centrilobular	Cytomegaly	Moderate
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Phenylbutazone
 CAS Number: 50-33-9

Date Report Requested: 10/23/2014
 Time Report Requested: 12:27:18
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 4	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Pituitary Gland
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Pigmentation	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Clear Cell Focus	Minimal
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Mild
		Fatty Change	Mild
	Centrilobular	Karyomegaly	Moderate
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: "OTHER" STAINS: PERL'S IRON, - ;HALL:S BILE, -			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 3-5			
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 705
	DOSE: VEHICLE	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	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	Parathyroid Gland	Pituitary Gland
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
Note: FATTY CHANGE	TGLs = 9-3		
Note: HEPATOCLR ADEN	TGLs = 5-3		
Lung	Mediastinum	Inflammation	Chronic Active, Mild
	Pleura	Inflammation	Acute, Minimal
Lymph Node	Mesenteric	Depletion Lymphoid	Moderate
	Mesenteric	Hemorrhage	Marked
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Skin		Inflammation	Acute, Mild
	Subcut Tiss	Lipoma	
Note: LIPOMA	TGLs = 1-11		
Testes		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 2-5		
Thyroid Gland	Follicle	Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Marked
		Degeneration	Minimal
	Centrilobular	Inflammation	Chronic, Minimal
Lung		Karyomegaly	Mild
		Congestion	Minimal

[Congestion TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Coagulating Gland	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular	Karyomegaly	Minimal
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 2,3,4,5-3+3.1			
Lymph Node	Mesenteric	Angiectasis	Mild
	Bronchial	Hyperplasia	Lymphoid, Mild
Note: ANGIECTASIS TGLs = 6-5			
Preputial Gland		Inflammation	Chronic Active, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Natural Death	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Heart	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Testes	Thyroid Gland	Trachea	

MISSING

Esophagus	Gallbladder	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Stomach - Forestomach	Stomach - Glandular	

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Thymus	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
Skeletal Muscle	Thoracic	Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Note: LYMPH MAL TGLs = 1-4			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS TOO AUTOLYZED TO ALLOW A MORE DEFINITIVE
Animal Note: CAUSE OF DEATH RELATED TO A MALIGNANT LYMPHOMA.
Animal Note: DIAGNOSIS ON THE LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 626
DOSE: 0.15 G/KG **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney	Prox Con Tub	Degeneration	Moderate
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Moderate
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Mild
		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
	Centrilobular	Karyomegaly	Minimal
Note: HEMANGIOSARC TGLs = 7-3			
Note: FATTY CHANGE TGLs = 8-3			
Lung		Hemorrhage	Minimal
	Fat, Mediastinum	Necrosis	Liquifactive, Mild
Note: NECROSIS TGLs = 10-2			
Mesentery		Inflammation	Chronic Active, Marked
		Necrosis	Coagulative, Marked
Note: INFLAMMATION TGLs = 4-6			
Note: NECROSIS TGLs = 4-6			
Pancreas		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 626 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: INFLAMMATION TGLs = 6-11 Note: NECROSIS TGLs = 6-11		Necrosis	Coagulative, Moderate
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Depletion Lymphoid	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 599 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Basophilic Focus	Mild
		Cytomegaly	Mild
	Centrilobular	Hepatocellular Carcinoma	
		Karyomegaly	Mild
Note: HEPATOCLR CARC TGLs = 5-3+3.1			
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Nasolacrim Dct	Metaplasia	Squamous, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Inflammation	Acute, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-4			
Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Brain	Thalamus	Mineralization	Minimal
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Mild
Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
Note: HEPATOCLR ADEN TGLs = 2-3			
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 1-4			
Stomach	Glandular	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Tooth	Incisor	Dysplasia	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Marked
		Degeneration	Minimal
		Fatty Change	Minimal
	Centrilobular	Karyomegaly	Mild

Note: FATTY CHANGE TGLs = 1-1.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland	Nose
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Pigmentation	Minimal
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Clear Cell Focus	Minimal
	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Mild
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: HEMORRHAGES ARE IN AREAS OF DEGENERATION AND NECRO-			
Note: SIS. INTRANUCLEAR AND INTRACYTOPLASMIC INCLUSIONS			
Note: WERE ALSO SEEN.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Urinary Bladder		Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
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	Pancreas	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Testes

MISSING

Esophagus	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Mild
Kidney	Prox Con Tub	Atrophy	Mild
		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Tooth	Incisor	Abscess	Marked
	Incisor	Dysplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Marked
		Degeneration	Mild
		Hemorrhage	Mild
	Centrilobular	Inflammation	Chronic, Minimal
		Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Preputial Gland		Inflammation	Necrotizing, Chronic Active, Marked
[Inflammation TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Spleen	Testes	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus	
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS. Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Mild
		Hemorrhage	Minimal
	Periportal	Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Moderate
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 1-6			
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
	Artery	Mineralization	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Skin		Inflammation	Acute, Minimal
Stomach	Forestomach	Inflammation	Chronic, Minimal
	Forestomach, Muscularis	Mineralization	Minimal
	Glandular, Muscularis	Mineralization	Minimal
Urethra		Calculus Micro Observation Only	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 627 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Prostate
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Mild
Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 5-3,6-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 4-6			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Skin	Subcut Tiss	Abscess	Marked
	Subcut Tiss	Fibrosarcoma	
		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-11			
Note: FIBROSARC TGLs = 2-11			
Note: ABSCESS TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-4			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 627

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
OBSERVATIONS			
Harderian Gland Note: ADENOMA TGLs = 3-3		Adenoma	
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly Degeneration	Moderate Mild
	Centrilobular	Inflammation Karyomegaly	Chronic, Mild Minimal
Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-3]		Alveolar/Bronchiolar Adenoma	
Lymph Node Note: HEMORRHAGE TGLs = 2-2	Mesenteric	Hemorrhage	Moderate
<hr/> PRIMARY CAUSE OF DEATH - <hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 3	SEX: Male	DAY ON TEST: 500
	DOSE: 0.3 G/KG	DISP: Moribund Sacrifice	HISTO:

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	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Mild
Liver		Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
<p>Note: HEPATOCLR CARC TGLs = 1-3+3.1,5-3+3.1 Note: PSEUDOACINAR PATTERNS. THERE WERE FOCAL AREAS OF Note: WELL-DIFFERENTIATED TUMOR REVEALING PAPILLARY AND Note: NECROSIS WITHIN THE TUMOR.</p>			
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Acute, Mild
Lymph Node	Mesenteric	Fibrosis	Moderate
	Mesenteric	Hemorrhage	Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Tooth	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Kidney	Prox Con Tub	Inflammation	Chronic, Minimal
		Regeneration	Minimal
Note: ANGIUM WAS NOTED.			
Note: A SINGLE GLOMERULUS WITH SCLEROSIS OF THE MES-			
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Pancreas		Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 632
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Gallbladder		Calculus Micro Observation Only	
		Fibrosis	Moderate
		Inflammation	Chronic Active, Marked
		Hyperplasia	Moderate
Intestine Small	Duodenum, Epithelium		
Note: HYPERPLASIA	TGLs = 3-7		
Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Marked
Liver		Abscess	Marked
		Inflammation	Chronic Active, Marked
		Necrosis	Coagulative, Marked
		Regeneration	Minimal
Note: REGENERATION	TGLs = 5-3.1		
Note: NECROSIS	TGLs = 7-3		
Nose	Glands	Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Cyst	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 3

SEX: Male

DAY ON TEST: 703

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 1-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Moderate
		Hepatocellular Carcinoma	
	Centrilobular	Karyomegaly	Mild
		Mixed Cell Focus	Moderate
		Pigmentation	Minimal
Note: DEGEN TGLs = 9-3			
Note: NOTED WITHIN THE HEPATOCELLULAR CARCINOMA.			
Note: EXTENSIVE AREAS OF NECROSIS AND HEMORRHAGE WERE			
Note: HEPATOCLR CARC TGLs = 8-3			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Inguinal	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 703 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS	TGLs = 6-6		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
Tooth	Incisor	Abscess	Moderate
	Incisor	Dysplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: NODULE DESCRIBED IN DORSAL PART OF ANIMAL AT

Animal Note: GROSS (PRESUMABLY IN LUMBAR AREA) WAS A CLUSTER OF SEVERAL LYMPH NODES WHICH WERE ESSENTIALLY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Parathyroid Gland
Skin	Spleen	Testes	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11 Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Cyst	Minimal
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Marked
Note: IT HAS BEEN DIAGNOSED AS MARKED LYMPHOID HYPERPLA- Note: MALIGNANT LYMPHOMA, UNDIFFERENTIATED TYPE.HOWEVER Note: CHANGES IN THE MESENTERIC L.N. BORDER ON EARLY Note: ANGIECTASIS TGLs = 2-6 Note: SIA.			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Inflammation	Acute, Mild
	Glandular	Inflammation	Acute, Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 4-3]			
Kidney		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibroma	
	Epidermis	Inflammation	Acute, Minimal
[Fibroma TGLS = 2-2]			
[Inflammation TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Phenylbutazone
 CAS Number: 50-33-9

Date Report Requested: 10/23/2014
 Time Report Requested: 12:27:18
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 11	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 641 HISTO:
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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	Pancreas	Pituitary Gland
Seminal Vesicle	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart		Fibrosis	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Mild
<p>Note: THE HEPATOCELLULAR CARCINOMA HAS A TRABECULAR PATTERN Note: RATHER THAN PAPILLARY OR PSEUDOACINAR ON SLIDE 3. Note: SLIDE 3.1 SHOWS LATTER PATTERNS. FOCAL AREAS OF NECROSIS Note: WERE NOTED IN THE MASS. Note: HEPATOCLR ADEN TGLs = 2,3,4-3 Note: HEPATOCLR CARC TGLs = 2,3,4-3+3.1</p>			
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 641

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urethra

Inflammation

Chronic, Minimal

Urinary Bladder

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	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	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	Minimal
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS			
Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul Gl	Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Tooth	Incisor	Dysplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 0.15 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Harderian Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 8-3]			
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-2			
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Basophilic Focus	Mild
		Cytomegaly	Mild
		Hemorrhage	Minimal
	Centrilobular	Hepatocellular Adenoma	
		Karyomegaly	Minimal
		Necrosis	Coagulative, Minimal
[Hepatocellular Adenoma TGLS = 5-1]			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Renal	Hemorrhage	Minimal
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-4			
Note: LYMPH MAL MIXD TGLs = 1-2			
Note: HEMORRHAGE TGLs = 6-4			
Note: ANGIECTASIS TGLs = 4-4			
[Lymphoma Malignant Mixed TGLS = 6-4]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

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	Islets, Pancreatic
Lung	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Intestine Small - Jejunum	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Degeneration	Minimal
		Hemorrhage	Minimal
Note: HEMORRHAGE: ACCUMULATION OF RBC'S APPEARS TO BE			
Note: WITHIN DILATED HEPATOCYTES, PROBABLY OCCURRING IN			
Note: AREAS OF DEGENERATION AND NECROSIS.			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Intermed	Adenoma	
Note: ADENOMA TGLs = 2-8			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Minimal
Spleen		Depletion Lymphoid	Mild
Note: DEPLET LYMPH TGLs = 1-3			
Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Depletion Lymphoid

Minimal

Calculus Micro Observation Only

Mild

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Natural Death

DAY ON TEST: 440
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tissue NOS
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Intestine Large - Rectum	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland			

OBSERVATIONS

Bone			
Note: SECTION REVEALED NO JOINTS TO EXPLAIN STIFFNESS.			
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 10-3			
Note: HEPATOCLR CARC TGLs = 4-3.1			
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mesenteric	Inflammation	Acute, Moderate
Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 701

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Minimal

Preputial Gland

Inflammation

Chronic Active, Moderate

Skin

Inflammation

Necrotizing, Chronic Active, Marked

[Inflammation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	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
Spleen	Stomach - Glandular	Testes	Thymus
Trachea			

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 6-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 3-3			
Lung		Hemorrhage	Minimal
		Inflammation	Chronic Active, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
Pancreas		Inflammation	Chronic, Minimal
Parathyroid Gland		Vacuolization Cytoplasmic	Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Inflammation	Chronic, Minimal
Skin		Inflammation	Acute, Minimal
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Necrotizing, Chronic Active, Minimal
Note: ACANTHOSIS	TGLs = 5-4		
Note: HYPERKERATOSIS	TGLs = 5-4		
Thyroid Gland	Follicular Cel	Adenoma	
		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

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
Islets, Pancreatic	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tissue NOS
Trachea			

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Thymus			

OBSERVATIONS

Bone Note: HYPEROSTOSIS TGLs = 2-11	Joint, Tarsal	Hyperostosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney	Prox Con Tub	Inflammation	Chronic, Minimal
		Regeneration	Mild
Liver Note: HEPATOCLR CARC TGLs = 5-3.1		Hemorrhage	Marked
		Hepatocellular Carcinoma	
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Lymph Node Note: ANGIOECTASIS TGLs = 4-6	Mesenteric	Angiectasis	Moderate
Nose	Mucosa	Inflammation	Acute, Minimal
Testes	Seminif Tub	Mineralization	Mild
Urinary Bladder Note: CALCUS MIC OBS TGLs = 3-2 Note: CALCUS GRO OBS TGLs = 3-2		Calculus Gross Observation	
		Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-3			
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hemorrhage	Marked
[Hemorrhage TGLS = 2-2]			
Preputial Gland		Abscess	Marked
Note: SQUAM CEL CARC TGLs = 1-2			
Note: ABSCESS TGLs = 1-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14

TRT#: 3
DOSE: 0.3 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Coagulating Gland
Epididymis	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 9-11			
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Inflammation	Chronic, Minimal
Intestine Small	Jejunum	Hyperplasia	Lymphoid, Mild
	Jejunum, Peyers Patch	Inflammation	Chronic Active, Moderate
Note: HYPERPLASIA TGLs = 3-7			
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Minimal
		Hemorrhage	Mild
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEMORRHAGE TGLs = 7-3			
Note: WHAT APPEARS TO BE INTRAHEPATOCYTE HEMORRHAGE IS			
Note: PROMINENT IN THIS CASE.			
Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS	TGLs = 5-6			
Nose		Mucosa	Inflammation	Acute, Minimal
Pancreas			Inflammation	Chronic, Minimal
Prostate			Inflammation	Chronic, Minimal
Salivary Glands		Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle			Inflammation	Chronic, Minimal
Skin		Subcut Tiss	Fibroma	
Note: FOCAL AREAS OF MINERALIZATION WITHIN FIBROMA.				
Note: FIBROMA	TGLs = 1-12			
Spleen			Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 6-4			
Stomach		Forestomach	Hyperkeratosis	Mild
		Forestomach	Hyperplasia	Basal Cell, Mild
Note: HYPERPLASIA	TGLs = 8-4			
Note: HYPERPLASIA,BASAL CELL IS SESSILE AS SHOWN ON RECUT.				
Testes			Inflammation	Chronic, Minimal
Thymus			Depletion Lymphoid	Moderate
Tooth		Incisor	Abscess	Mild
Urinary Bladder			Inflammation	Chronic, Minimal
<hr/>				
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Stomach - Forestomach
Stomach - Glandular			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: FOCAL HYPERPLASIA OF THE SYNOVIUM.			
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS AND			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 1-1			
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-3			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Minimal
	Centrilobular	Karyomegaly	Mild

Note: DESCRIBED BY THE PROSECTOR, HOWEVER IT COULD NOT BE FOUND.

Note: THE BAGGED TISSUES WERE SEARCHED FOR THE LIVER NODULE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Coagulating Gland	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 - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Minimal
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 2-3,3-3			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Inflammation	Acute, Mild
Stomach			
Note: FORESTOMACH. ORIGINAL TISSUE APPEARS TO HAVE			
Note: RECUTS FAILED TO REVEAL NODULE DESCRIBED IN THE			
Note: BEEN LOST IN PROCESSING.			
Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Hemorrhage

Minimal

Calculus Micro Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Gallbladder
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	Pancreas	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Angiectasis	Mild
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 1-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Parotid GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal
		Hemorrhage	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS	TGLs = 5-3		
Harderian Gland		Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 4-4		
Kidney		Glomerulosclerosis	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Minimal
		Hemorrhage	Minimal
	Centrilobular	Karyomegaly	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 3-4		
Skin	Subcut Tiss	Fibrosarcoma	
		Inflammation	Necrotizing, Acute, Marked
[Fibrosarcoma TGLS = 1-2]			
[Inflammation TGLS = 1-2]			
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
Note: HEMANGIOSARC	TGLs = 2-4		
Note: HEMA CELL PROL	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 4-11 Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Mild
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Infarct	Mild
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Mild
Liver		Clear Cell Focus	Mild
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Moderate
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 1-3 Note: HEMORRHAGE TGLs = 2-3,3-3			
Mesentery		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Mucosa	Inflammation	Chronic, Mild
Pancreas		Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Inflammation	Chronic Active, Minimal
Prostate		Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Tooth	Trachea

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Mild
Mesentery		Fibrosis	Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas	Artery	Mineralization	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Thyroid Gland		Hemorrhage	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 2	SEX: Male	DAY ON TEST: 5
	DOSE: 0.15 G/KG	DISP: Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Gallbladder	Heart	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Liver
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Salivary Glands	Thymus	

PRESENT BUT NOT EXAMINED

Epididymis	Intestine Large - Cecum	Nose	
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OBSERVATIONS

Bone Marrow	Congestion	Mild
Esophagus	Necrosis	Moderate
Lung	Congestion	Mild
	Hemorrhage	Minimal

[Congestion TGLS = 3-1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Pituitary Gland	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea			

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Coagulating Gland	Perivascular	Inflammation	Chronic, Minimal
Epididymis		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Kidney		Inflammation	Chronic, Mild
Liver		Clear Cell Focus	Mild
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Moderate
		Fatty Change	Mild
		Hemorrhage	Mild
	Periportal	Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: NECROSIS TGLs = 2-3			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
Note: ALV BRON ADEN TGLs = 1-2			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Acute, Minimal
Thymus		Hemorrhage	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Note: A RARE GLOMERULUS APPEARS SLIGHTLY SCLEROTIC.			
Liver		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 2-1			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosis	Mild
		Inflammation	Chronic, Moderate
Note: FIBROSIS TGLs = 1-2			
Urinary Bladder		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS	TGLs = 1-3		
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
	Centrilobular	Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Coagulating Gland
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Seminal Vesicle	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3-6			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic Active, Mild
Spleen		Depletion Lymphoid	Mild
		Hyperplasia	Lymphoid, Mild

Note: IN ONE AREA THERE APPEARS TO BE HYPERPLASIA; IN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANOTHER AREA THERE WAS LYMPHOID DEPLETION.

Note: HYPERPLASIA TGLs = 1-3

Stomach	Glandular	Inflammation	Chronic Active, Mild
Testes	Seminif Tub	Mineralization	Minimal

Note: REMAINDER REVEALED ACTIVE SPERMATOGENESIS.

Note: ONLY A FEW TUBULES REVEALED MINERALIZATION; THE

Urinary Bladder		Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 1-6			
Nose	Mucosa	Inflammation	Acute, Mild
Pancreas	Artery	Mineralization	Minimal
Prostate		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Tooth	Incisor	Dysplasia	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 0.15 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 4-3			
Kidney		Inflammation	Chronic, Minimal
Liver		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 5-1			
Testes	Seminif Tub	Atrophy	Marked
[Atrophy TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 3
DOSE: 0.3 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 712
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Gallbladder	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Thymus		

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Heart		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Intestine Large	Cecum, Epithelium	Hyperplasia	Mild
Kidney	Renal Tubule	Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
		Inflammation	Chronic Active, Mild
Note: HEPATOCLR CARC TGLs = 10-4			
Liver	Centrilobular	Cytomegaly	Mild
	Centrilobular	Hepatocellular Carcinoma	
		Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR CARC TGLs = 11-3			
Lung		Embolus Tumor	
		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Note: THE METASTATIC LIVER TUMOR HAS AN EXTREMELY			
Note: VARIED MORPHOLOGY WITH TRABECULAR, PSEUDO-			
Note: ACINAR AND SOLID AREAS.			
Note: HEPATOCLR CARC TGLs = 4-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 712 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Pancreatic	Angiectasis	Mild
	Pancreatic	Depletion Lymphoid	Moderate
	Pancreatic	Ectasia	Moderate
	Pancreatic	Hematopoietic Cell Proliferation	Mild
Nose	Lumen	Inflammation	Acute, Mild
	Mucosa	Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 8-3		
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Glandular	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Mild
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 2-6			
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Spleen	Artery, Endothelium	Hyperplasia	Minimal
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3]	Joint, Tarsal	Hyperostosis	Marked
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular Centrilobular	Cytomegaly Karyomegaly Necrosis	Moderate Mild Coagulative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Pancreas	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Clear Cell Focus	Mild
	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Minimal
		Hemorrhage	Minimal
	Centrilobular	Karyomegaly	Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 2-6			
Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION	TGLs = 1-7		
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urethra		Calculus Micro Observation Only	
Note: (PINK, RED, GREY PROTEINACEOUS MATERIAL) IN THE			
Note: THE STRUCTURE DIAGNOSED AS A CALCULUS WAS A MASS			
Note: LUMEN OF THE PROSTATIC URETHRA.			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 661
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-3			
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Inflammation	Chronic, Minimal
Preputial Gland		Abscess	Marked
		Basosquamous Tumor Nos	
Note: BASOSQU TM NOS TGLs = 1-11			
Note: INFLAMMATION TGLs = 1-11			
Note: ABSCESS TGLs = 1-11			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosis	Mild
Thymus		Depletion Lymphoid	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 5-3			
Intestine Small	Ileum	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 4-4			
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Minimal
		Hemorrhage	Minimal
	Periportal	Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Mesentery		Fibrosis	Mild
		Inflammation	Chronic, Mild
		Necrosis	Coagulative, Marked
Note: FIBROSIS TGLs = 3-2			
[Fibrosis TGLS = 2-4]			
[Inflammation TGLS = 3-2]			
Pancreas		Inflammation	Chronic Active, Minimal
Preputial Gland		Inflammation	Necrotizing, Chronic Active, Marked
[Inflammation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Coagulating Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Esophagus	Gallbladder	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland			

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Minimal
		Hemorrhage	Mild
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate	Pars Distalis	Hyperplasia Inflammation	Minimal Chronic, Minimal
Salivary Glands	Parotid GI Submandibul GI	Inflammation Inflammation	Chronic, Minimal Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 712 HISTO:
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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	Nose	Pancreas	Pituitary Gland
Skin	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
		Infarct	Marked
	Periportal	Inflammation	Chronic, Mild
		Mineralization	Mild
Note: MINERALIZATION WAS OBSERVED IN THE INFARCTED LOBE.			
Note: HEPATOCLR CARC TGLs = 4-3			
Note: INFARCT TGLs = 5-3			
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Note: RECUTS FAILED TO REVEAL A PAPILLOMA IN BRONCHIOLES.			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Thrombosis	Mild
Note: THROMBUS TGLs = 2-6			
Note: ANGIECTASIS TGLs = 2-6			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 712 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: HEMA CELL PROL TGLs = 3-4		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

OBSERVATIONS

Kidney		Glomerulosclerosis	Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Centrilobular	Inflammation	Chronic, Minimal
		Karyomegaly	Minimal
Note: HEPATOCLR ADEN TGLs = 4-1			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
[Lymphoma Malignant Mixed TGLS = 1-2]			
[Lymphoma Malignant Mixed TGLS = 5-3]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-3			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Coagulating Gland
Esophagus	Gallbladder	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	Seminal Vesicle	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Mild
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 2-12			
Note: ADENOMA IS MODERATELY WELL DIFFERENTIATED.			
Heart		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Note: IN A FOCAL CORTICAL AREA THERE IS A DEPRESSION			
Note: IN THE CORTICAL SURFACE SUGGESTING A HEALED IN-			
Note: FARCT. GLOMERULI IN THE AREA APPEAR TO BE SCLER-			
Note: OSED.			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Minimal
		Hemorrhage	Minimal
	Centrilobular	Karyomegaly	Minimal
Lung		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 1-12			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Granuloma	Minimal
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN	TGLs = 4,5-1		
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hemorrhage	Mild
[Angiectasis TGLs = 3-2]			
[Hemorrhage TGLs = 3-2]			
Preputial Gland		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 1-2		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urethra		Calculus Micro Observation Only	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 593
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 4-12			
Note: TARSAL JOINT REVEALED MARKED ANKYLOSIS.			
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 3-2+11,5-2+11			
Testes	Seminif Tub	Atrophy	Minimal
Note: REMAINING 99 9/10% SHOW ACTIVE SPERMATOGENESIS.			
Note: A RARE TUBULE WAS LINED BY SERTOLI CELLS ONLY.			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular	Karyomegaly	Mild
Note: HEPATOCLR CARC TGLs = 2-1			
Lymph Node	Pancreatic	Hemorrhage	Marked
[Hemorrhage TGLs = 3-3]			
Preputial Gland		Abscess	Marked
[Abscess TGLs = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 1,2,3,4-3+3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Ureter		Inflammation	Chronic, Moderate
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	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
Pancreas	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Pigmentation	Minimal
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
Note: HYPERKERATOSIS TGLs = 1-4			
Note: ACANTHOSIS TGLs = 1-4			
Thymus		Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 0.15 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 1-3

Joint, Tarsal

Hyperostosis

Marked

Kidney

Inflammation

Chronic, Minimal

Liver

Centrilobular

Cytomegaly

Mild

Degeneration

Minimal

Hemorrhage

Minimal

Centrilobular

Karyomegaly

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 7-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular	Karyomegaly	Minimal
		Necrosis	Coagulative, Mild
Note: HEPATOCLR ADEN TGLs = 4-3,5-3			
Lung			
Note: LUNG NODULE NOTED AT TRIMMING NOT SEEN ON SLIDE			
Note: OR RECUTS.			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 3-5			
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 2-6			
Stomach	Forestomach	Inflammation	Chronic Active, Mild
	Forestomach	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 6-4			
Testes		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

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
Islets, Pancreatic	Lung	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 8-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Mild
Liver		Angiectasis	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR CARC TGLs = 7-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 5-6			
Note: ANGIECTASIS TGLs = 6-6			
Nose	Mucosa	Inflammation	Acute, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4,4-4			
Stomach	Forestomach	Inflammation	Chronic Active, Mild
	Glandular	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach	Karyomegaly	Chronic Active, Mild
Forestomach	Ulcer	Mild

Note: INFLAMMATION TGLs = 9-4

Note: ULCER TGLs = 9-4

Tooth	Incisor	Abscess	Moderate
Urinary Bladder		Calculus Micro Observation Only Inflammation	Chronic, Minimal

Note: SECTION WAS AVAILABLE.

Note: THE CALCULUS WAS NOT WITHIN THE LUMEN;HOWEVER A

[Calculus Micro Observation Only TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 7-3	Joint, Tarsal	Hyperostosis	Marked
Intestine Small Note: LYMPH MAL MIXD TGLs = 2-2	Ileum	Lymphoma Malignant Mixed	
Kidney		Inflammation Lymphoma Malignant Mixed	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Mediastinal Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-4] [Lymphoma Malignant Mixed TGLS = 4-4] [Lymphoma Malignant Mixed TGLS = 3-4]		
Spleen Note: LYMPH MAL MIXD TGLs = 5-1		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	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
Pituitary Gland	Prostate	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland Thymus

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Minimal
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 3-3			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Hemorrhage	Marked
		Inflammation	Acute, Minimal
Note: SUBCUTANEOUS HEMORRHAGE DESCRIBED AS INGUINAL			
Note: INFLAMMATION TGLs = 1-12,2-12			
Note: LYMPH NODE AT NECROPSY; NO LYMPH NODE SEEN.			
Note: HEMORRHAGE TGLs = 1-12,2-12			
Tooth	Incisor	Abscess	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
	Incisor	Bacterium	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	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	Pancreas
Parathyroid Gland	Pituitary Gland	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 3-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-12			
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 2-3			
Tooth	Incisor	Abscess	Marked
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 2-3	Joint, Tarsal	Hyperostosis	Marked
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
	Centrilobular	Karyomegaly	Minimal
Lymph Node [Hemorrhage TGLS = 1-2]	Mesenteric	Hemorrhage	Mild
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 3
DOSE: 0.3 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 3-11			
Brain	Thalamus	Mineralization	Minimal
Kidney	Prox Con Tub	Inflammation	Chronic, Minimal
		Regeneration	Minimal
Note: A RARE GLOMERULUS REVEALS MESANGIAL THICKENING.			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Inflammation	Chronic, Mild
	Centrilobular	Karyomegaly	Mild
		Mixed Cell Focus	
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosarcoma	
		Inflammation	Necrotizing, Acute, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 1-12,2-12

Note: FIBROMA TGLs = 1-12,2-12

Note: FIBROSARC TGLs = 1-12,2-12

Thymus

Cyst

Minimal

Urinary Bladder

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 666 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	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
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Thyroid Gland
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OBSERVATIONS

Ear		Fibrosarcoma Inflammation	Chronic Active, Mild
Note: FIBROSARC TGLs = 2-12,7-12			
Note: INFLAMMATION TGLs = 7-12			
Eye	Lids Lids	Fibrosarcoma Inflammation	Metastatic (Ear) Necrotizing, Chronic Active, Moderate
Kidney		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung	Bronchiole, Epithelium	Hyperplasia	Minimal
Lymph Node	Mesenteric Mesenteric	Angiectasis Hematopoietic Cell Proliferation	Moderate Mild
Note: ANGIOECTASIS TGLs = 3-6			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-4.1			
Tooth	Incisor	Abscess	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO:

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 2-3

Joint, Tarsal

Hyperostosis

Marked

Kidney
Liver

Centrilobular
Centrilobular

Inflammation
Cytomegaly
Karyomegaly
Abscess

Chronic, Mild
Minimal
Minimal
Marked

Preputial Gland
Note: ABSCESS TGLs = 1-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 618

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: TARSAL JOINT ALSO REVEALS ANKYLOSIS AND MODERATE			
Note: HYPEROSTOSIS TGLs = 1-11			
Note: OSTEOARTHRITIS.			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Depletion Lymphoid	Mild
	Mesenteric	Depletion Lymphoid	Minimal
	Mesenteric	Hemorrhage	Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 2-12+12.1			
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-4			
Testes	Seminif Tub	Atrophy	Minimal
Tooth	Incisor	Abscess	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

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
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 4-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Moderate
Note: MONONUCLEAR CELL INFILTRATES (LYMPHOCYTIC) MAY REPRESENT AN EARLY LYMPHOMA.			
Liver	Periportal	Inflammation	Chronic, Minimal
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Renal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 2-12			
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Skeletal Muscle	Abdominal	Regeneration	Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 1-4			
Stomach	Forestomach	Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Basal Cell, Minimal
Note: HYPERKERATOSIS	TGLs = 3-4		
Note: HYPERPLASIA	TGLs = 3-4		
Note: ACANTHOSIS	TGLs = 3-4		
Thymus		Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 4-3	Joint, Tarsal	Hyperostosis	Moderate
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular Centrilobular	Cytomegaly Karyomegaly	Mild Mild
Lymph Node [Hemorrhage TGLS = 2-2]	Mesenteric	Hemorrhage	Mild
Preputial Gland [Inflammation TGLS = 1-4]		Inflammation	Chronic Active, Mild
Spleen Note: HYPERPLASIA TGLs = 3-4		Hyperplasia	Lymphoid, Moderate
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 416

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Bone Marrow		Congestion	Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Lymphoid Tiss	Necrosis	Minimal
Kidney		Inflammation	Chronic, Minimal
	Medulla	Mineralization	Mild
Liver	Centrilobular	Cytomegaly	Moderate
		Fatty Change	Minimal
	Centrilobular	Karyomegaly	Mild
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Depletion Lymphoid	Mild
Note: DEPLET LYMPH	TGLs = 5-4		
Testes	Seminif Tub	Atrophy	Minimal
	Seminif Tub	Giant Cell	Minimal
Thymus		Depletion Lymphoid	Marked
		Necrosis	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 416

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ORGANS IN GENERAL: MILD TO MODERATE AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 558

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Kidney		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 7-4			
Liver		Lymphoma Malignant Histiocytic Necrosis	Coagulative, Moderate
Note: LYMPH MAL HIST TGLs = 8-3			
Note: NECROSIS TGLs = 10-3			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 6-6			
Nose			
Note: NEAR THE VOMERONASAL ORGAN BUT A PROPER WAY TO LOG THIS			
Note: IN WAS NOT AVAILABLE.			
Note: MAL LYMPHOMA HISTIOCYTIC TYPE WAS OBSERVED IN THE MARROW			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Histiocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 558

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Necrosis

Coagulative, Mild

Note: LYMPH MAL HIST TGLs = 4-3+4,5-3+4

Thymus

Lymphoma Malignant Histiocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS	TGLs = 3-3		
Kidney		Inflammation	Chronic, Mild
Liver		Eosinophilic Focus	Mild
		Fatty Change	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
Note: FATTY CHANGE	TGLs = 2-1		
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 1-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 417

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Seminal Vesicle
Testes

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Nose
Skin
Thyroid Gland

Bone
Heart
Intestine Small - Ileum
Lung
Prostate
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Salivary Glands
Stomach - Forestomach
Urinary Bladder

MISSING

Gallbladder
Pituitary Gland

Intestine Large - Cecum
Thymus

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Bone Marrow
Liver

Centrilobular

Congestion
Cytomegaly
Fatty Change
Karyomegaly
Atrophy
Pigmentation

Mild
Moderate
Mild
Mild
Minimal
Minimal

Pancreas
Stomach

Centrilobular

Glandular

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MILD TO SEVERE AUTOLYSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	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	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Intest Small			
Note: THE LAMINA PROPRIA OF A SECTION OF JEJUNUM APPEARS			
Note: HYALINIZED. THIS TYPE CHANGE HAS BEEN CHECKED FOR			
Note: AMYLOID IN THE PAST IN OTHER ANIMALS WITH NEGATIVE			
Note: RESULTS.			
Kidney	Prox Con Tub	Atrophy	Minimal
		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Minimal
	Prox Con Tub	Mineralization	Minimal
	Prox Con Tub	Regeneration	Minimal
	Prox Con Tub	Vacuolization Cytoplasmic	Moderate
Note: HEALED INFARCT.			
Note: TEX WITH FOCAL GLOMERULOSCLEROSIS, TUBULAR ATRO-			
Note: IN A FOCAL AREA THERE WAS A DEPRESSION IN THE COR-			
Note: PHY AND DEGENERATION. THIS MAY BE AN AREA OF			
Liver		Fatty Change	Minimal
	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Duct	Dilatation Inflammation	Moderate Chronic, Minimal
Note: DILATATION TGLs = 1-11			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 2	SEX: Male	DAY ON TEST: 732
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN	TGLs = 5-1		
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-3]			
Lymph Node	Mesenteric	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-3]			
Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland
Seminal Vesicle	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 8-11			
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS.			
Epididymis		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Note: RECUT FAILS TO REVEAL DILATED PELVIS.			
Liver		Cyst	Moderate
	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Moderate
		Hemorrhage	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 5-3+3.1,6-3+3.1			
Lymph Node	Mediastinal	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS TGLs = 2-2			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosis	Moderate
		Inflammation	Necrotizing, Acute, Marked
Note: INFLAMMATION TGLs = 1-12			
Note: FIBROSIS TGLs = 1-12			
Stomach	Forestomach	Hyperkeratosis	Mild
Note: HYPERKERATOSIS TGLs = 7-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Pancreas	Skin
Spleen	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Fatty Change	Mild
	Periportal	Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 1-3			
Note: TWO ADENOMAS IN SEPARATE LOBES WERE NOTED.			
Nose	Mucosa	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Basal Cell, Minimal
	Glandular	Inflammation	Chronic, Minimal
	Epithelium, Forestomach	Mineralization	Minimal
Note: HYPERKERATOSIS TGLs = 2-4			
Note: ACANTHOSIS TGLs = 2-4			
Note: HYPERPLASIA TGLs = 2-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 2

SEX: Male

DAY ON TEST: 733

DOSE: 0.15 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation

Chronic, Minimal

Liver

Centrilobular

Cytomegaly

Moderate

Hemorrhage

Minimal

Hepatocellular Carcinoma

Centrilobular

Inflammation

Acute, Minimal

Karyomegaly

Mild

Necrosis

Coagulative, Minimal

[Hepatocellular Carcinoma TGLS = 3-1]

Preputial Gland

Cyst

Marked

Note: CYST TGLs = 1-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Spleen	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
	Centrilobular	Karyomegaly	Mild
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas	Artery	Mineralization	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-11		
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic, Minimal
	Glandular	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 4-4		
Note: HYPERKERATOSIS	TGLs = 4-4		
Note: ACANTHOSIS	TGLs = 4-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT REVEALS MARKED ANKYLOSIS WITH			
Intestine Large	Cecum	Hyperplasia	Lymphoid, Moderate
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 1-6			
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Stomach	Glandular	Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 2	SEX: Male	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS	TGLs = 4-3		
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic Active, Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 3-2		
Skin	Subcut Tiss	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Intestine Large - Cecum	Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Mild
		Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
	Centrilobular	Pigmentation	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 1-1			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas	Artery	Mineralization	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 4-3]	Joint, Tarsal	Hyperostosis	Marked
Kidney		Glomerulosclerosis Inflammation	Mild Chronic, Minimal
Liver		Degeneration Hematopoietic Cell Proliferation Hemorrhage	Minimal Minimal Minimal
Lymph Node [Hyperplasia TGLS = 3-2]	Lumbar	Hyperplasia	Plasma Cell, Moderate
Skin Note: SQUAM CEL CARC TGLs = 1-4 [Inflammation TGLS = 1-4]		Inflammation Squamous Cell Carcinoma	Necrotizing, Chronic Active, Marked
Spleen Note: HEMA CELL PROL TGLs = 5-1		Hematopoietic Cell Proliferation	Mild
Testes Note: INFLAMMATION TGLs = 2-4		Inflammation	Chronic Active, Marked
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pancreas	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Gallbladder	Mammary Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS. Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Minimal
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Centrilobular	Karyomegaly	Mild
		Mineralization	Minimal
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 3-3+3.1 Note: HEPATOCLR CARC TGLs = 3-3.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Angiectasis	Minimal
Mesentery		Inflammation	Chronic Active, Mild
		Pigmentation	Mild
Note: PIGMENT	TGLs = 2-12		
Note: INFLAMMATION	TGLs = 2-12		
Preputial Gland		Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 1-12		
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Sublingul GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Minimal
Urethra		Calculus Micro Observation Only	
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 697

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Pituitary Gland	Skin
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Blood Vessel			
Note: PANCREATIC ARTERY WAS AFFECTED.			
Bone	Scapula	Osteosarcoma	
Note: OSTEOSARC TGLs = 1,6-11+12			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic Active, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
		Metaplasia	Osseous, Minimal
Liver		Hepatocellular Adenoma	
	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose	Nasopharyn Dct	Inflammation	Chronic Active, Minimal
Pancreas	Artery	Mineralization	Mild
		Necrosis	Coagulative, Minimal
Prostate		Inflammation	Chronic, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4			
Stomach	Glandular	Cyst	Minimal
	Forestomach	Hyperplasia	Basal Cell, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 697 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Depletion Lymphoid	Moderate
Tooth	Incisor	Abscess	Marked
	Incisor	Dysplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 2	SEX: Male	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Minimal
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
[Hepatocellular Adenoma TGLS = 3-1]			
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 2-2			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 4-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 6-11			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 5-3			
Lung		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 4-1			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Subcut Tiss

Fibrosarcoma

Inflammation

Hemorrhagic, Acute, Mild

Note: CYST TGLs = 2-12

Note: FIBROSARC TGLs = 1-12

Thymus

Cyst

Minimal

Urethra

Calculus Micro Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: ARTIFACT.			
Note: FOCAL HEMORRHAGE IS PROBABLY A NECROPSY HANDLING			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 1-6			
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Urethra		Calculus Micro Observation Only	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Urinary Bladder		Calculus Micro Observation Only Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 611
DOSE: 0.15 G/KG **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone Marrow		Infarct	Mild
Note: HEMORRHAGIC INFARCT			
Brain		Lymphoma Malignant Undifferentiated Cell Type	
Intestine Small	Duodenum, Epithelium	Hyperplasia	Moderate
	Duodenum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Liver	Centrilobular	Cytomegaly	Mild
	Centrilobular	Karyomegaly	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 6-8			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-2+2.1			
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2-4			
Stomach	Glandular	Lymphoma Malignant Undifferentiated Cell Type	
Thymus		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 2

SEX: Male

DAY ON TEST: 611

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Coagulating Gland
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
Pancreas	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 6-11			
Brain	Thalamus	Mineralization	Minimal
Gallbladder	Epithelium	Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 2,3-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Basal Cell, Mild
	Forestomach	Inflammation	Necrotizing, Acute, Mild
Note: HYPERPLASIA TGLs = 5-4			
Note: INFLAMMATION TGLs = 5-4			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 712

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pancreas
Parathyroid Gland	Prostate	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea

MISSING

Gallbladder	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: HYPEROSTOSIS TGLs = 1-11			
Note: GROSSLY THE TARSUS WAS ANKYLOSED.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic Active, Mild
Lymph Node	Lumbar	Pigmentation	Mild
Nose	Lumen	Inflammation	Acute, Minimal
	Mucosa	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ABSOLUTELY CERTAIN.			
Note: ADENOMA TGLs = 8-8			
Note: TISSUE INSUFFICIENT TO DETERMINE SITE OF ADENOMA.			
Note: BUT THERE WAS INSUFFICIENT TISSUE TO BE			
Note: THIS TUMOR WAS PRESUMABLY IN THE PARS DISTALIS			
Preputial Gland		Abscess	Marked
Note: ABSCESS TGLs = 3-13			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 712
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 2-12		
Thyroid Gland		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 2	SEX: Male	DAY ON TEST: 659
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Mild
Note: HYPEROSTOSIS	TGLs = 2-4		
Kidney		Glomerulosclerosis	Moderate
Liver		Lymphoma Malignant Histiocytic Necrosis	Coagulative, Mild
Note: NECROSIS	TGLs = 11-1		
Note: LYMPH MAL HIST	TGLs = 11-1		
Lung		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 4-3		
Lymph Node	Lumbar Mediastinal Pancreatic Renal	Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 6-5		
Note: LYMPH MAL HIST	TGLs = 5-3		
Note: LYMPH MAL HIST	TGLs = 10-5		
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 8-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland	Urinary Bladder
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OBSERVATIONS

Coagulating Gland		Inflammation	Chronic, Mild
Epididymis		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Minimal
		Fatty Change	Minimal
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
	Centrilobular	Karyomegaly	Minimal
Note: HEPATOCLR ADEN	TGLs = 2-3		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 1-1		
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DESPITE 2 RECUTS, NO NODULES WERE OBSERVED IN THE

Note: FORESTOMACH.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Nose	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2-7			
Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Minimal
		Fibrosis	Minimal
		Inflammation	Chronic, Minimal
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 4-11			
Note: LYMPH MAL UNDF TGLs = 5-6			
Mesentery		Fibrosis	Mild
		Mineralization	Minimal
		Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 1-11			
Note: FIBROSIS TGLs = 1-11			
Pancreas	Duct	Dilatation	Mild
		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:18

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 3-4		
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 2	SEX: Male	DAY ON TEST: 5
	DOSE: 0.15 G/KG	DISP: Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Gallbladder
Heart	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Intestine Large - Rectum	Intestine Small - Jejunum	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland			

PRESENT BUT NOT EXAMINED

Epididymis	Intestine Large - Cecum	Nose	
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain		Hemorrhage	Mild
Esophagus	Adventitia	Inflammation	Acute, Moderate
Liver		Fatty Change	Minimal
Lung		Congestion	Moderate
[Congestion TGLS = 3-1]			
Thymus		Depletion Lymphoid	Minimal
Urinary Bladder		Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Mild
Note: TARSAL JOINT ALSO REVEALS MILD ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 7-11			
Brain	Thalamus	Mineralization	Mild
Kidney	Prox Con Tub	Inflammation	Chronic, Minimal
		Regeneration	Minimal
Liver	Centrilobular	Basophilic Focus	Mild
		Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Mild
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 5-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Pigmentation	Minimal
Note: ANGIECTASIS TGLs = 1-6			
Nose	Mucosa	Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin			
Note: SKIN WAS PRESENT ON SLIDE 11.			
Spleen		Depletion Lymphoid	Mild
Note: DEPLET LYMPH TGLs = 3-4			
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperplasia	Basal Cell, Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Glandular	Inflammation	Chronic Active, Minimal
Note: ACANTHOSIS TGLs = 6-4			
Note: HYPERPLASIA TGLs = 6-4			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 8-11 Note: TARSAL JOINT IS ALSO ANKYLOSED.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Hyperplasia	Lymphoid, Moderate
Intestine Small	Ileum	Hyperplasia	Lymphoid, Marked
Note: ENLARGED AND COULD REPRESENT EARLY LYMPHOMA. Note: HYPERPLASIA TGLs = 4-7 Note: LYMPHOID NODULES IN THE ILEUM AND RECTUM WERE MARKEDLY			
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Hepatocellular Carcinoma	
	Periportal	Inflammation	Chronic, Mild
Note: HEPATOCLR CARC TGLs = 6,7-3			
Lung		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Ectasia	Moderate
Note: ECTASIA TGLs = 5-6 Note: ANGIECTASIS TGLs = 5-6			
Nose	Mucosa	Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
Preputial Gland		Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 1-12		
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
	Parotid GI	Mineralization	Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Depletion Lymphoid	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 5-3]	Joint, Tarsal	Hyperostosis	Marked
Intestine Small Note: LYMPH MAL MIXD TGLs = 1-2	Ileum	Lymphoma Malignant Mixed	
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 3,4-1			
Lymph Node Note: HEMORRHAGE TGLs = 2-2	Mesenteric	Hemorrhage	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	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	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 6-11			
Brain	Thalamus	Mineralization	Minimal
Intestine Large	Colon	Hyperplasia	Lymphoid, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Eosinophilic Focus	Minimal
		Hemorrhage	Mild
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: EOSIN FOCUS TGLs = 3-3			
Note: HEPATOCLR ADEN TGLs = 4-3			
Note: NECROSIS TGLs = 3-3			
Note: HEMORRHAGE TGLs = 3-3			
Note: CYTOMEGALY TGLs = 3-3			
Note: KARYOMEGALY TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 3-3] Lung		Alveolar/Bronchiolar Adenoma Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 5-1 Lymph Node	Mesenteric Inguinal	Angiectasis Pigmentation	Mild Minimal
Note: ANGIECTASIS TGLs = 1-6 Prostate		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO ANKYLOSED.			
Note: HYPEROSTOSIS TGLs = 8-11			
Brain	Thalamus	Mineralization	Minimal
Heart		Lymphoma Malignant Undifferentiated Cell Type	
Intestine Small	Duodenum	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2-7			
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
	Inguinal	Ectasia	Mild
	Lumbar	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
	Bronchial	Lymphoma Malignant Undifferentiated Cell Type	
Note: HYPERPLASIA TGLs = 4-12			
Note: ANGIECTASIS TGLs = 3-6			
[Lymphoma Malignant Undifferentiated Cell Type TGLs = 5-12]			
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 7-4			
Note: PAPILLOMA IN RECUT.			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 5-3	Joint, Tarsal	Hyperostosis	Marked
Kidney	Centrilobular	Inflammation	Chronic, Mild
Liver		Cytomegaly	Mild
		Degeneration	Minimal
		Fatty Change	Minimal
		Hemorrhage	Minimal
	Centrilobular	Inflammation	Chronic, Minimal
Lung		Karyomegaly	Minimal
		Alveolar/Bronchiolar Adenoma	Multiple
	Peribronchiolr	Inflammation	Chronic, Mild
	Perivascular	Inflammation	Chronic, Mild
Note: ALV BRON ADEN TGLs = 3-4			
Note: INFLAMMATION TGLs = 2-4			
Preputial Gland Note: INFLAMMATION TGLs = 1-2		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 3
DOSE: 0.3 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Coagulating Gland
Esophagus	Gallbladder	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	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic Active, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Minimal
		Fatty Change	Minimal
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular	Karyomegaly	Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR CARC TGLs = 3-3			
Note: HEPATOCLR ADEN TGLs = 2-3			
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 3
DOSE: 0.3 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Tooth	Incisor	Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 2-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Depletion Lymphoid	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Abscess	Marked
Note: ABSCESS TGLs = 1-12			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
	Parotid GI	Mineralization	Minimal
Seminal Vesicle		Fibrosis	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 7-3	Joint, Tarsal	Hyperostosis	Marked
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Centrilobular	Karyomegaly	Mild
Note: HEPATOCLR CARC TGLs = 3,4,5,6-1			
Seminal Vesicle Note: ATROPHY TGLs = 1-2		Atrophy	Moderate
Spleen Note: HEMA CELL PROL TGLs = 2-2		Hematopoietic Cell Proliferation	Mild
<hr/> PRIMARY CAUSE OF DEATH - <hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 732
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 3-11			
Epididymis		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR CARC TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Pigmentation	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 1-4			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Basophilic Focus	Mild
		Inflammation	Chronic, Minimal
Note: BASOPH FOCUS TGLs = 1-3			
Lymph Node	Mesenteric	Angiectasis	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Thymus		Hemorrhage	Minimal
Urethra		Calculus Micro Observation Only	
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 2	SEX: Male	DAY ON TEST: 696
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Liver

OBSERVATIONS

Bone [Hyperostosis TGLS = 1-3]	Joint, Tarsal	Hyperostosis	Marked
Kidney		Inflammation	Chronic, Minimal
Lymph Node Note: LYMPH MAL UNDF TGLs = 4-4	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
Spleen [Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-4]		Lymphoma Malignant Undifferentiated Cell Type	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:18
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Esophagus	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Mild
		Inflammation	Chronic Active, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 2-6		
Thymus		Cyst	Minimal
Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Adrenal Gland - Medulla	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 9-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Epididymis		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
	Prox Con Tub	Regeneration	Minimal
Note: LYMPH MAL UNDF TGLs = 6,7-4			
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 4,5-3			
Note: HEPATOCLR CARC TGLs = 4,5-3			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 8-1]			
Lymph Node	Mesenteric	Ectasia	Moderate
Note: ECTASIA TGLs = 2-6			
Nose	Mucosa	Inflammation	Acute, Minimal
	Nasolacrim Dct	Inflammation	Acute, Marked
Pancreas		Atrophy	Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LYMPH MAL UNDF TGLs = 1-4		Lymphoma Malignant Undifferentiated Cell Type	
Thymus		Depletion Lymphoid	Moderate
Tooth	Incisor	Abscess	Moderate
	Incisor	Dysplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 2 DOSE: 0.15 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 3-3	Joint, Tarsal	Hyperostosis	Marked
Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly Degeneration Inflammation	Mild Mild Chronic Active, Minimal
Lymph Node [Hemorrhage TGLS = 2-1]	Centrilobular Mesenteric	Karyomegaly Hemorrhage	Mild Moderate
Preputial Gland Note: ABSCESS TGLs = 1-2		Abscess	Marked
<hr/> PRIMARY CAUSE OF DEATH - <hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Islets, Pancreatic
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 3-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 5-2			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Mucosa	Inflammation	Acute, Mild
Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Salivary Glands Seminal Vesicle	Submandibul GI	Inflammation Fibrosis Inflammation	Chronic, Minimal Mild Chronic Active, Minimal
Note: INFLAMMATION TGLs = 1-5 Note: FIBROSIS TGLs = 1-5			
Urinary Bladder		Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 606
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Prostate	Salivary Glands	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: TARSAL JOINT REVEALS ANKYLOSIS AND MARKED OSTEO- Note: ARTHRITIS. Note: HYPEROSTOSIS TGLs = 5-12			
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 13-3+3.1			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 12-2 Note: LYMPH MAL MIXD TGLs = 9-6			
Mesentery		Fibrosis	Mild
		Mineralization	Minimal
		Necrosis	Coagulative, Marked
	Artery	Thrombosis	
Note: THROMBUS IS FIBRINOUS. Note: FIBROSIS TGLs = 7-5.1 Note: NECROSIS TGLs = 7-5.1			
Nose	Nasolacrim Dct	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 606 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Seminal Vesicle		Inflammation	Chronic, Mild
Skin		Inflammation	Necrotizing, Acute, Mild
Note: INFLAMMATION	TGLs = 4-2.1		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 11-4		
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic, Mild
Note: HYPERKERATOSIS	TGLs = 14-4		
Note: INFLAMMATION	TGLs = 14-4		
Note: ACANTHOSIS	TGLs = 14-4		
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 2

SEX: Male

DAY ON TEST: 646

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ear

OBSERVATIONS

Kidney

Inflammation

Chronic, Moderate

Liver

Centrilobular

Cytomegaly

Marked

Degeneration

Mild

Fatty Change

Minimal

Hemorrhage

Moderate

Hepatocellular Adenoma

Multiple

Periportal

Inflammation

Chronic, Minimal

Centrilobular

Karyomegaly

Mild

Necrosis

Coagulative, Minimal

Note: BLUE POSITIVE AND PAS WEAKLY POSITIVE. NEITHER

Note: STAIN WAS POSITIVE IN THIS CASE IN THE AFFECTED

Note: HEPATOCLR ADEN TGLs = 2-1

Note: IN CANCER LETTERS, 19 (1983) 247-252, ZERBAN AND

Note: BANNASCH REPORTED THAT THE SPONGIOSIS HEPATIS LES-

Note: POLYSACCHARIDES. THESE MATERIALS SHOULD BE ALCIAN

Note: WAS RICH IN GLYCOSAMINOGLYCANS AND NEUTRAL MUCO-

Note: IONS WERE FILLED WITH AN ACIDOPHILIC MATERIAL WHICH

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

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
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 4-11			
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Note: MOST ONE COULD DIAGNOSE WOULD BE HYPERPLASIA--NO			
Note: TUMORS.			
Note: IF THE HARDERIAN GLAND WAS TOTALLY ENLARGED THE			
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Centrilobular	Karyomegaly	Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
Note: HEPATOCLR CARC TGLs = 1-3,2-3			
Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Nose	Lumen	Inflammation	Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 3
DOSE: 0.3 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate	Nasolacrim Dct	Inflammation	Chronic Active, Mild
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Natural Death

DAY ON TEST: 586
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT REAVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 3-12			
Brain	Thalamus	Mineralization	Minimal
Heart	Coron Artery	Mineralization	Mild
Kidney		Abscess	Marked
		Bacterium	Moderate
		Hydronephrosis	Moderate
	Papilla	Necrosis	Coagulative, Moderate
Note: ABSCESS TGLs = 10-4			
Lymph Node	Inguinal	Angiectasis	Mild
	Mesenteric	Hemorrhage	Mild
	Lumbar	Hyperplasia	Plasma Cell, Moderate
Note: ANGIECTASIS TGLs = 4-3			
Note: HEMORRHAGE TGLs = 9-6			
[Hyperplasia TGLS = 11-1]			
Pancreas		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	Minimal
Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Acute, Marked
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Natural Death	DAY ON TEST: 586 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: INFLAMMATION TGLs = 8-11,12-11		Inflammation	Necrotizing, Acute, Marked
Spleen		Depletion Lymphoid Hematopoietic Cell Proliferation	Mild Mild
Testes Note: INFLAMMATION TGLs = 6-5.1	Seminif Tub	Atrophy Inflammation	Marked Chronic, Marked
Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO:

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Mild
		Fatty Change	Minimal
		Hemorrhage	Moderate
Lung	Centrilobular	Karyomegaly	Mild
	[Hemorrhage TGLS = 1-3]	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 3-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hepatocellular Carcinoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCLR CARC TGLs = 4-3			
Lymph Node	Mesenteric	Angiectasis	Mild
	Axillary	Hyperplasia	Plasma Cell, Mild
	Inguinal	Hyperplasia	Plasma Cell, Mild
	Inguinal	Inflammation	Acute, Minimal
Note: HYPERPLASIA TGLs = 5-12			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 697 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-13		
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 7-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Eye	Cornea	Inflammation	Necrotizing, Chronic Active, Marked
Note: INFLAMMATION TGLs = 1-12			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 2-12			
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: TWO FOCI NOTED IN SEPARATE LOBES.			
Lymph Node	Mesenteric	Angiectasis	Mild
	Lumbar	Hyperplasia	Lymphoid, Moderate
Note: ANGIECTASIS TGLs = 4-6			
Note: HYPERPLASIA TGLs = 5-12			
Pancreas		Inflammation	Chronic, Minimal
	Artery	Mineralization	Minimal
Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 4-3			
Kidney		Inflammation	Chronic, Moderate
Liver	Centrilobular	Cytomegaly	Marked
		Degeneration	Mild
		Hemorrhage	Moderate
		Hepatocellular Adenoma	
	Centrilobular	Inflammation	Chronic Active, Minimal
		Karyomegaly	Moderate
		Mixed Cell Focus	Mild
Note: HEPATOCLR ADEN TGLs = 3-1			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-4]			
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Infiltration Cellular	Histiocyte, Minimal
	Mesenteric	Pigmentation	Minimal
Note: HEMORRHAGE TGLs = 2-2			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

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
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 5-12			
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Degeneration	Mild
		Hemorrhage	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: ANGIECTASIS TGLs = 3-6			
Note: HYPERPLASIA TGLs = 3-6			
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 2-4			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mandibular
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 5-11			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Intestine Small	Jejunum	Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 4-7			
Kidney	Prox Con Tub	Inflammation	Chronic, Minimal
		Regeneration	Minimal
Liver		Fatty Change	Minimal
		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-1			
Lymph Node	Mesenteric	Angiectasis	Mild
Mesentery		Fibrosis	Minimal
		Necrosis	Coagulative, Minimal
Note: NECROSIS TGLs = 3-12			
Note: FIBROSIS TGLs = 3-12			
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Hemorrhage	Minimal
Tooth	Incisor	Abscess	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 2
DOSE: 0.15 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO:

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Minimal
	Centrilobular	Karyomegaly	Mild
Lung		Hemorrhage	Minimal
	[Hemorrhage TGLS = 1-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 700
DOSE: 0.3 G/KG **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	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
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Hemorrhage	Minimal
		Hepatocellular Carcinoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
<p>Note: HEMORRHAGES WERE SMALL AND OCCURRED AT SITES OF Note: HEPATOCYTE NECROSIS AND/OR DEGENERATION. Note: HEPATOCLR CARC TGLs = 5-3</p>			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 3-6]		
Nose	Mucosa	Inflammation	Acute, Minimal
	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 700 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle	Inflammation	Chronic, Minimal
Spleen	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4-4		
Urinary Bladder	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 738
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	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	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 6-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Coagulating Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-12			
Note: THE TUMOR IS A WELL-DIFFERENTIATED ADENOCARCINOMA.			
Note: IT IS PRESUMED THIS MASS REPRESENTS THE COAGU-			
Note: LATING GLAND BASED UPON THE GROSS OBSERVATION.			
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 4-6			
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Ectopic Tissue	Mild
Note: ECTOPIC SPLEEN.			
Note: THE RED MASS OBSERVED IN THE PANCREAS REPRESENTS			
Preputial Gland		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABSCESS	TGLs = 1-12		
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Basal Cell, Mild
	Forestomach	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 2	SEX: Male	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas	Spleen
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Minimal
		Hemorrhage	Mild
	Centrilobular	Hepatocellular Carcinoma	
		Karyomegaly	Mild
[Hepatocellular Carcinoma TGLS = 4-1]			
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 3-2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 3

SEX: Male

DAY ON TEST: 661

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Pituitary Gland	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Note: HYPEROSTOSIS TGLs = 10-2			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 8-3			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Depletion Lymphoid	Moderate
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Seminal Vesicle		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 3

SEX: Male

DAY ON TEST: 661

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROSARC TGLs = 2-11	Inflammation	Necrotizing, Acute, Marked
Note: INFLAMMATION TGLs = 1-11		
Spleen	Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-4		
Thymus	Depletion Lymphoid	Mild
Urethra	Calculus Micro Observation Only	
Urinary Bladder	Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 2-11			
Note: TARSAL JOINT ALSO REVEALS MARKED ANKYLOSIS.			
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-3			
Lung	Perivascular	Inflammation	Chronic, Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal
Urethra		Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 2	SEX: Male	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Marked
		Degeneration	Moderate
		Hemorrhage	Marked
		Hepatocellular Adenoma	
	Centrilobular	Karyomegaly	Moderate
Note: HEPATOCLR ADEN	TGLs = 3-1		
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 2-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 534
DOSE: 0.3 G/KG **DISP:** Natural Death **HISTO:**

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	Liver	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Lymph Node - Mesenteric
Mammary Gland	Urinary Bladder		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Preputial Gland		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 3-11		
Prostate		Hemorrhage	Mild
		Inflammation	Acute, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Acanthosis	Mild
		Hemorrhage	Marked
		Inflammation	Acute, Marked
Note: ACANTHOSIS	TGLs = 1-5.1,4-5.1		
Note: INFLAMMATION	TGLs = 1-5.1,4-5.1		
Note: HEMORRHAGE	TGLs = 1-5.1,4-5.1		

PRIMARY CAUSE OF DEATH -

Animal Note: ORGANS IN GENERAL: MODERATE TO MARKED AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 738
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Ileum	Hyperplasia	Lymphoid, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Fatty Change	Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Thymus		Hemorrhage	Minimal
Urethra		Calculus Micro Observation Only	
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 2

SEX: Male

DAY ON TEST: 697

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: HYPEROSTOSIS	TGLs = 2-4		
Kidney		Inflammation	Chronic, Moderate
Liver	Centrilobular	Cytomegaly	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Karyomegaly	Minimal
Lymph Node	Axillary	Hyperplasia	Lymphoid, Marked
	Lumbar	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 6,7-1+2		
Note: HYPERPLASIA	TGLs = 8-3		
Skin	Subcut Tiss	Abscess	Marked
Note: ABSCESS	TGLs = 3-3		
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 4-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: HYPEROSTOSIS TGLs = 5-12			
Note: TARSAL JOINT ALSO REVEALS MODERATE ANKYLOSIS.			
Epididymis		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Note: INFLAMMATION TGLs = 3-4			
Note: REGENERATION TGLs = 3-4			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Mild
		Fatty Change	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Karyomegaly	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: KARYOMEGALY NOT CENTRILOBULAR, BUT MORE RANDOM			
Note: AND DIFFUSE.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 3 DOSE: 0.3 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEPATOCLR ADEN TGLs = 4-3 Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 2-6 Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma Inflammation	Necrotizing, Acute, Marked
Note: FIBROSARC TGLs = 1-11 Note: INFLAMMATION TGLs = 1-11 Stomach	Glandular	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 715
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
	Capsule	Inflammation	Chronic Active, Mild
Bone Marrow		Myelofibrosis	Mild
Gallbladder		Inflammation	Acute, Minimal
Kidney	Prox Con Tub	Atrophy	Mild
		Glomerulosclerosis	Mild
		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
	Periportal	Inflammation	Chronic, Mild
	Serosa	Inflammation	Acute, Minimal
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Inflammation	Acute, Minimal
	Mesenteric	Inflammation	Acute, Minimal
	Mesenteric, Serosa	Inflammation	Chronic Active, Mild
Note: HYPERPLASIA	TGLs = 9-3		
Note: INFLAMMATION	TGLs = 8-6		
Mammary Gland		Infiltration Cellular	Mixed Cell, Minimal
Nose	Lumen	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 6-5		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 715 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Pancreas	Serosa	Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 7-4			
Tooth	Incisor	Abscess	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 5	SEX: Female	DAY ON TEST: 201
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Mammary Gland	Nose	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Rectum	Lymph Node - Mandibular	Pituitary Gland
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PRESENT BUT NOT EXAMINED

Intestine Large - Cecum

OBSERVATIONS

Lung		Congestion	Mild
Lymph Node	Mesenteric	Inflammation	Necrotizing, Acute, Moderate
Mesentery		Necrosis	Moderate
Note: NECROSIS TGLs = 2-8			
Ovary	Periovarn Tiss	Necrosis	Moderate
Parathyroid Gland		Cyst	
Spleen		Depletion Lymphoid	Mild
Thymus		Depletion Lymphoid	Moderate
		Necrosis	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Ovary
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thyroid Gland	Tooth	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 702
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Stomach - Forestomach	Tooth	Trachea	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Cyst	Mild
	Medulla	Hyperplasia	Minimal
	Capsule	Inflammation	Chronic Active, Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Large	Cecum, Serosa	Inflammation	Chronic Active, Mild
Intestine Small	Jejunum, Serosa	Inflammation	Chronic Active, Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
	Serosa	Inflammation	Acute, Minimal
		Inflammation	Acute, Mild
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Marked
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 2-5		
Oviduct		Inflammation	Acute, Mild
Pancreas		Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands	Sublingual GI	Inflammation	Chronic, Minimal
	Submandibular GI	Inflammation	Chronic, Minimal
Spleen	Capsule	Abscess	Marked
	Capsule	Fibrosis	Marked
		Hematopoietic Cell Proliferation	Marked
Note: ABSCESS	TGLs = 6-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 5-4			
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Depletion Lymphoid	Mild
		Inflammation	Acute, Mild
Thyroid Gland		Ultimobranchial Cyst	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 4-5			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 5	SEX: Female	DAY ON TEST: 611
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Skin	Stomach - Forestomach
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Ovary	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Undifferentiated Cell Type
	Medulla	Lymphoma Malignant Undifferentiated Cell Type
Brain	Meninges	Lymphoma Malignant Undifferentiated Cell Type
Kidney		Lymphoma Malignant Undifferentiated Cell Type
Note: LYMPH MAL UNDF	TGLs = 5,6,8,9-4.1	
Liver		Lymphoma Malignant Undifferentiated Cell Type
Note: LYMPH MAL UNDF	TGLs = 16-3	
Lung		Lymphoma Malignant Undifferentiated Cell Type
Lymph Node	Lumbar	Lymphoma Malignant Undifferentiated Cell Type
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type
	Renal	Lymphoma Malignant Undifferentiated Cell Type
	Renal	Lymphoma Malignant Undifferentiated Cell Type
Note: LYMPH MAL UNDF	TGLs = 14-12	
Note: LYMPH MAL UNDF	TGLs = 13-11	
Note: LYMPH MAL UNDF	TGLs = 12-2	
Pancreas		Lymphoma Malignant Undifferentiated Cell Type
Pituitary Gland	Pars Distalis	Hyperplasia
Salivary Glands	Submandibul GI	Lymphoma Malignant Undifferentiated Cell Type
Skeletal Muscle	Intercostal	Lymphoma Malignant Undifferentiated Cell Type
Spleen		Lymphoma Malignant Undifferentiated Cell Type

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 5	SEX: Female	DAY ON TEST: 611
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL UNDF	TGLs = 4-4		
Stomach	Glandular	Lymphoma Malignant Undifferentiated Cell Type	
Ureter		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 10-4.1		
Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	
Uterus	Endometrium	Hyperplasia	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
Note: HYPERPLASIA	TGLs = 11-5		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 731
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	Gallbladder
Heart	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	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Adrenal Gland - Medulla	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
Liver	Periportal	Inflammation	Chronic, Mild
		Lymphoma Malignant Mixed	
<p>Note: SEVERAL LARGE PLEOMORPHIC LYMPHOID AGGREGATES SUGGESTED Note: AN EARLY LYMPHOMA HOWEVER WITHOUT OTHER ORGAN INVOLVEMENT Note: THE DIAGNOSIS WAS NOT MADE.</p>			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Cyst	Mild
Note: CYST TGLs = 1-5			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-5			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 610
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Mammary Gland Thymus

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Mild
	Lumbar	Inflammation	Chronic Active, Mild
Note: HYPERPLASIA TGLs = 6-1			
Note: HYPERPLASIA TGLs = 5-3			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 3-5.1+5.2,4-5.1+5.2			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Urinary Bladder		Inflammation	Chronic Active, Mild
Uterus		Abscess	Marked
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3

TRT#: 4

SEX: Female

DAY ON TEST: 610

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Ovary
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OBSERVATIONS

Liver		Fatty Change	Mild
Uterus	Endometrium	Hyperplasia	Marked
		Polyp Stromal	

Note: HYPERPLASIA TGLs = 1-3
[Hyperplasia TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mandibular	Ovary	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-3			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pancreas		Atrophy	Mild
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 3-4			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 641 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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 - Mesenteric	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Tooth	Trachea

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Thymus		

OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Chronic Active, Mild
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 6-11			
Note: HYPERPLASIA TGLs = 5-11			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 2,3-5.1			
Pancreas		Atrophy	Minimal
		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Acute, Minimal
Note: HEMA CELL PROL TGLs = 4-4			
Stomach	Glandular	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 641 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia Inflammation	Mild Acute, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 5 DOSE: 0.15 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	Lung	Mesentery	Ovary
OBSERVATIONS			
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Uterus	Endometrium	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 2-3			
PRIMARY CAUSE OF DEATH		-	

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Mild
		Necrosis	Coagulative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Sublingual GI	Inflammation	Chronic, Minimal
	Submandibular GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Tooth	Trachea	

MISSING

Gallbladder	Lymph Node - Mesenteric	Thymus	
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
Heart		Infiltration Cellular	Mononuclear CI, Minimal
Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 6-3			
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Lumbar	Inflammation	Chronic Active, Minimal
Note: INFLAMMATION TGLs = 7-12			
Ovary		Cyst	Mild
		Hemorrhage	Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 4-4			
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-5			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Ovary
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OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: HYPERPLASIA TGLs = 2-2			
Kidney		Inflammation	Chronic, Mild
Liver		Hepatocellular Adenoma	
	Periportal	Inflammation	Chronic, Mild
[Hepatocellular Adenoma TGLS = 4-1]			
Uterus	Endometrium	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 1-3			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Accident	DAY ON TEST: 5 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Gallbladder	Heart	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Liver
Lung	Ovary	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Thymus	Uterus	

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Bone Marrow	Congestion	Mild
Esophagus	Inflammation	Acute, Moderate
	Necrosis	Moderate

Note: MUSCULATURE AND ADVENTITIA REVEAL ACUTE INFLAM-
 Note: THE ESOPHAGUS MAY HAVE OCCURRED DURING GAVAGING.
 Note: MATION AND NECROSIS SUGGESTING PERFORATION OF

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MODERATE TO MARKED AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 4	SEX: Female	DAY ON TEST: 633
	DOSE: VEHICLE	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Mammary Gland	Thymus		
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Heart		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Glomerulosclerosis	Marked
		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 4-3		
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Axillary	Lymphoma Malignant Undifferentiated Cell Type	
	Inguinal	Lymphoma Malignant Undifferentiated Cell Type	
	Lumbar	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 11-11		
Note: LYMPH MAL UNDF	TGLs = 3-2.1		
Note: LYMPH MAL UNDF	TGLs = 8-2		
Note: LYMPH MAL UNDF	TGLs = 5-11		
Note: LYMPH MAL UNDF	TGLs = 7-11		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 4	SEX: Female	DAY ON TEST: 633
	DOSE: VEHICLE	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL UNDF	TGLs = 9-6		
Note: LYMPH MAL UNDF	TGLs = 10-6		
Note: LYMPH MAL UNDF	TGLs = 12-11		
Ovary	Periovarn Tiss	Lymphoma Malignant Undifferentiated Cell Type	
Parathyroid Gland		Cyst	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 6-4		
Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

MISSING

Pituitary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-4]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-4]		
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-4]		
Ovary		Cyst	Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-2]		
Uterus		Adenocarcinoma	
		Inflammation	Acute, Marked

Note: ADENOCARC TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6 TRT#: 6 SEX: Female DAY ON TEST: 732
DOSE: 0.3 G/KG DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	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
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lung		Hemorrhage	Mild
Lymph Node	Renal	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA TGLs = 2-11			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Cyst	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Sublingual GI	Inflammation	Chronic, Minimal
	Submandibular GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Abscess	Marked
	Endometrium	Hyperplasia	Moderate
Note: ABSCESS TGLs = 1-5			
Note: HYPERPLASIA TGLs = 1-5			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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
Ovary	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Tooth	Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lung		Hemorrhage	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Nose	Glands, Mucosa	Inflammation	Chronic Active, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic Active, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 1-5

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 5	SEX: Female	DAY ON TEST: 430
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Esophagus	Gallbladder	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Thyroid Gland		

OBSERVATIONS

Bone Marrow		Leukemia	Poorly Diffr
Kidney		Leukemia	Poorly Diffr
Note: LEUKEMIA	TGLs = 9-4		
Liver		Leukemia	Poorly Diffr
		Necrosis	Coagulative, Mild
Note: NECROSIS	TGLs = 10-3		
Lung		Leukemia	Poorly Diffr
Spleen		Leukemia	Poorly Diffr
Note: LEUKEMIA	TGLs = 4-4.1		
Thymus		Depletion Lymphoid	Mild
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Gallbladder	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	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Esophagus

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Spleen		Hyperplasia	Lymphoid, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 500
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Ovary	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Gallbladder	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Pituitary Gland	Thymus	Thyroid Gland	

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Moderate
Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Mild
	Periportal	Inflammation	Chronic, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Marked
		Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Mild
		Necrosis	Coagulative, Minimal
Ovary	Periovarn Tiss	Cyst	Mild
[Cyst TGLS = 3-3]			
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Coagulative, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Ovary		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic, Mild
Note: CYST TGLs = 1-5			
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 737
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Gallbladder	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	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Tooth	Trachea	

MISSING

Esophagus	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule	Lymphoma Malignant Undifferentiated Cell Type	
	Cortex	Lymphoma Malignant Undifferentiated Cell Type	
Bone Marrow		Myelofibrosis	Mild
Brain		Hemorrhage	Moderate
		Infarct	Multifocal, Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
Note: HEMORRHAGE	TGLs = 8-4		
Kidney		Inflammation	Chronic, Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLs = 1-1]			
Lymph Node	Mesenteric, Serosa	Fibrosis	Mild
	Mediastinal	Hemorrhage	Minimal
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Cyst	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
Note: CYST	TGLs = 2-5		
Pancreas		Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 5-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Stomach	Glandular	Inflammation	Chronic, Minimal
Thyroid Gland	Follicle	Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Liver
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 2-3		
Ovary		Cyst	Mild
Spleen		Angiectasis	Minimal
		Congestion	Mild
[Angiectasis TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 6	SEX: Female	DAY ON TEST: 702
	DOSE: 0.3 G/KG	DISP: Moribund Sacrifice	HISTO:

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	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Mammary Gland	Parathyroid Gland	Skin	
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OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Chronic Active, Mild
	Cortex	Inflammation	Chronic Active, Mild
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Small	Jejunum, Serosa	Inflammation	Chronic Active, Mild
Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
	Serosa	Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 4-3		
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA	TGLs = 6-11		
Note: HYPERPLASIA	TGLs = 7-11		
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Marked
		Necrosis	Moderate
Ovary		Abscess	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABSCESS	TGLs = 2-5.1			
Pancreas		Serosa	Inflammation	Chronic Active, Marked
Pituitary Gland		Pars Distalis	Hyperplasia	Mild
Salivary Glands		Submandibul GI	Inflammation	Chronic, Minimal
Spleen			Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 5-4			
Urinary Bladder			Inflammation	Chronic, Minimal
Uterus		Endometrium	Hyperplasia	Mild
			Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 4
DOSE: VEHICLE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	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
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Kidney		Inflammation	Chronic, Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
Lung	Perivascular	Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-8		
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 5	SEX: Female	DAY ON TEST: 645
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Kidney		Bacterium	Mild
		Glomerulosclerosis	Moderate
	Papilla	Inflammation	Necrotizing, Acute, Marked
Note: GLMSCLEROSIS	TGLs = 5-2		
Note: INFLAMMATION	TGLs = 5-2		
Liver		Hematopoietic Cell Proliferation	Marked
	Serosa	Inflammation	Acute, Marked
Lymph Node	Mesenteric	Inflammation	Chronic Active, Moderate
Note: INFLAMMATION	TGLs = 4-3		
Pancreas		Abscess	Marked
Note: IT APPEARS THE STRUCTURE WHICH WAS THOUGHT TO BE OVARY			
Note: WAS ACTUALLY AN ABSCESS IN THE PANCREAS.			
Note: ABSCESS	TGLs = 2-3		
Spleen		Depletion Lymphoid	Marked
		Hematopoietic Cell Proliferation	Marked
	Capsule	Inflammation	Chronic Active, Minimal
Note: HEMA CELL PROL	TGLs = 3-2		
Uterus		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 6

SEX: Female

DAY ON TEST: 714

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mesenteric	Stomach - Forestomach
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular	

OBSERVATIONS

Gallbladder		Inflammation	Acute, Minimal
Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
	Serosa	Inflammation	Acute, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Minimal
Note: CONGESTION TGLs = 3-1			
Lymph Node	Pancreatic	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Inflammation	Acute, Moderate
Ovary		Abscess	Marked
		Angiectasis	Mild
		Cyst	
Note: ABSCESS TGLs = 4-4			
Pancreas	Serosa	Inflammation	Chronic Active, Mild
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-7			
Thymus		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 6

SEX: Female

DAY ON TEST: 714

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea			

MISSING

Lymph Node - Mandibular	Lymph Node - Mesenteric
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-3			
Ovary		Cyst	Mild
Note: CYST TGLs = 1-5			
Pancreas		Atrophy	Mild
		Fibrosis	Marked
		Inflammation	Chronic Active, Marked
Note: FIBROSIS TGLs = 3-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 2-4			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 605
DOSE: 0.15 G/KG **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	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
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Note: FIBROSARC TGLs = 5-9	Sternum	Fibrosarcoma	Deep Invasion
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin Note: FIBROSARC TGLs = 7-9+11	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus Note: HYPERPLASIA TGLs = 6-5	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 376
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Gallbladder
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Nose	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Uterus	

MISSING

Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Thymus
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Granulocytic	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Bone Marrow		Leukemia Granulocytic	
Brain	Thalamus	Mineralization	Minimal
Heart		Mineralization	Minimal
Intestine Small	Jejunum	Hemorrhage	Mild
	Jejunum	Leukemia Granulocytic	
Note: HEMORRHAGE	TGLs = 6-7		
Liver		Leukemia Granulocytic	
		Necrosis	Coagulative, Mild
Note: NECROSIS	TGLs = 9-3		
Lung		Hemorrhage	Mild
		Leukemia Granulocytic	
Note: HEMORRHAGE	TGLs = 4-1		
Lymph Node	Mediastinal	Leukemia Granulocytic	
Ovary		Leukemia Granulocytic	
Pancreas		Leukemia Granulocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 4

SEX: Female

DAY ON TEST: 604

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	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	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Fatty Change	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
		Necrosis	Coagulative, Moderate
Note: LYMPH MAL UNDF	TGLs = 15-3,16-3		
Lung		Lymphoma Malignant Undifferentiated Cell Type	
	Artery	Thrombosis	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Lumbar	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 12-3		
Note: LYMPH MAL UNDF	TGLs = 17-6.1		
Note: HEMORRHAGE	TGLs = 10-6.1		
Note: LYMPH MAL UNDF	TGLs = 8-2		
Note: LYMPH MAL UNDF	TGLs = 6-2		
Note: LYMPH MAL UNDF	TGLs = 14-1		
Note: LYMPH MAL UNDF	TGLs = 9-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 604 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery Note: NECROSIS TGLs = 13-11		Necrosis	Mild
Ovary Pancreas Note: LYMPH MAL UNDF TGLs = 9-6	Periovarn Tiss	Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type	
Salivary Glands Skin Note: INFLAMMATION TGLs = 2-11	Submandibul GI	Lymphoma Malignant Undifferentiated Cell Type Inflammation	Necrotizing, Acute, Marked
Spleen Note: LYMPH MAL UNDF TGLs = 7-4		Lymphoma Malignant Undifferentiated Cell Type	
Stomach Urinary Bladder	Glandular	Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type	
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	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
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 613
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	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
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 4-1			
Note: HYPERPLASIA TGLs = 3-3			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1-5.1			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-4			
Tooth	Incisor	Abscess	Mild
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 5	SEX: Female	DAY ON TEST: 563
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Rectum	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Heart		Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Depletion Lymphoid	Marked
	Mesenteric	Depletion Lymphoid	Mild
Spleen		Depletion Lymphoid	Moderate
Note: DEPLET LYMPH	TGLs = 5-3		
Thymus		Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 646 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mesenteric	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum	Intestine Small - Ileum	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Thymus		

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Minimal
		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 596
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Lacrimal Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-11			
Liver		Vacuolization Cytoplasmic	Diffuse, Marked
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Depletion Lymphoid	Moderate
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Mild
	Periportal	Inflammation	Chronic, Minimal
Ovary	Periovarn Tiss	Cyst	Moderate
Note: CYST	TGLs = 1-3		
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 4-11			
Kidney		Inflammation	Chronic, Mild
Liver		Clear Cell Focus	Minimal
	Periportal	Inflammation	Chronic, Minimal
Nose	Lumen	Inflammation	Acute, Mild
Ovary		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic, Mild
Note: CYST TGLs = 1-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: HEMA CELL PROL TGLs = 3-4			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Hemangioma	
	Endometrium	Hyperplasia	Moderate
Note: HEMANGIOMA TGLs = 2-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 4

SEX: Female

DAY ON TEST: 663

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Skin	Stomach - Forestomach	Thymus
Tooth	Trachea		

MISSING

Mammary Gland	Pituitary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Lymph Node	Mesenteric	Congestion	Minimal
Note: CONGESTION TGLs = 2-6			
Ovary		Mineralization	Minimal
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Parotid GI	Inflammation	Chronic, Minimal
Spleen		Hemorrhage	Marked
		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 3-4			
Note: HEMORRHAGE TGLs = 3-4			
Stomach	Glandular	Inflammation	Chronic, Minimal
Thyroid Gland	Follicular Cel	Adenoma	
Urinary Bladder		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 4

SEX: Female

DAY ON TEST: 663

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 5	SEX: Female	DAY ON TEST: 691
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Ovary	Spleen
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Mild
Note: FATTY CHANGE TGLs = 4-1			
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	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
Ovary	Pancreas	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland Note: ANGIOECTASIS TGLs = 2-6	Cortex	Angiectasis	Minimal
Bone Marrow		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus Note: HYPERPLASIA TGLs = 1-5	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Thyroid Gland	Tooth	Trachea

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum, Serosa	Inflammation	Chronic Active, Mild
	Colon, Muscularis	Inflammation	Chronic Active, Mild
Intestine Small	Jejunum, Serosa	Inflammation	Chronic Active, Mild
Kidney		Glomerulosclerosis	Mild
	Capsule	Inflammation	Acute, Minimal
		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Coagulative, Mild
Note: NECROSIS TGLs = 5-3			
Note: HEMA CELL PROL TGLs = 5-3			
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Depletion Lymphoid	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Histiocytic, Mild
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Inflammation	Acute, Moderate
Note: HYPERPLASIA TGLs = 6-11			
Note: ANGIECTASIS TGLs = 7-6			
[Depletion Lymphoid TGLs = 7-6]			
Ovary		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Natural Death	DAY ON TEST: 729 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: ABSCESS TGLs = 3-5	Periovarn Tiss	Inflammation	Chronic Active, Moderate
Pancreas		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Subcut Tiss	Inflammation	Chronic Active, Minimal
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Marked
		Necrosis	Coagulative, Mild
Note: HEMA CELL PROL TGLs = 4-4	Glandular	Inflammation	Chronic, Minimal
Stomach		Depletion Lymphoid	Moderate
Thymus		Inflammation	Acute, Mild
Urinary Bladder	Serosa	Inflammation	Acute, Minimal
Uterus	Endometrium	Inflammation	Chronic, Minimal
Note: HYPERPLASIA TGLs = 2-5		Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Ovary
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic Active, Minimal
Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Skin	Stomach - Glandular	Thyroid Gland	Tooth
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Mild
		Necrosis	Coagulative, Minimal
Nose	Lumen	Inflammation	Acute, Mild
Ovary		Abscess	Marked
		Cyst	Moderate
Note: ABSCESS	TGLs = 1-5,5-5		
Note: CYST	TGLs = 2-5		
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 3-4		
Stomach	Forestomach	Squamous Cell Papilloma	
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Ear	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	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Gallbladder	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 6-3			
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA TGLs = 5-11			
Note: HYPERPLASIA TGLs = 4-11			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1-5			
Pancreas		Inflammation	Chronic Active, Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-3			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Acute, Mild

Note: HYPERPLASIA TGLs = 2-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 5

SEX: Female

DAY ON TEST: 623

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Ovary	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Marked
Note: GLMSCLEROSIS	TGLs = 12-4		
Liver		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 6-4		
Note: LYMPH MAL MIXD	TGLs = 10-5		
Note: LYMPH MAL MIXD	TGLs = 5-6.1		
Note: LYMPH MAL MIXD	TGLs = 7-3		
Note: LYMPH MAL MIXD	TGLs = 9-6		
Note: LYMPH MAL MIXD	TGLs = 8-2		
Note: LYMPH MAL MIXD	TGLs = 4-2		
Note: LYMPH MAL MIXD	TGLs = 13-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 5

DOSE: 0.15 G/KG

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 623

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Adenoma

Spleen

Lymphoma Malignant Mixed

Uterus

Endometrium

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 6	SEX: Female	DAY ON TEST: 492
	DOSE: 0.3 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Uterus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Necrosis	Coagulative, Minimal
Lung	Perivascular	Inflammation	Chronic Active, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Note: IN A FOCAL SUBMUCOSAL AREA THERE WAS A SUGGES- Note: TION OF AN AMYLOID-LIKE DEPOSIT. NO SPECIAL Note: STAINS WERE DONE.			
Ovary		Abscess	Marked
Thymus		Hemorrhage	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 591
DOSE: VEHICLE **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Parathyroid Gland
Skin	Stomach - Forestomach	Thyroid Gland	Trachea

MISSING

Intestine Small - Ileum	Mammary Gland
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic Active, Mild
Heart		Inflammation	Acute, Marked
Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Moderate
Note: FATTY CHANGE TGLs = 5-3			
Lung	Perivascular	Inflammation	Acute, Marked
	Pleura	Inflammation	Acute, Moderate
Lymph Node	Mesenteric	Depletion Lymphoid	Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Marked
Mesentery		Inflammation	Chronic Active, Moderate
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Ovary		Abscess	Marked
		Cyst	
	Serosa	Inflammation	Chronic Active, Mild
Note: HEMORRHAGIC CYST			
Note: ABSCESS TGLs = 2-5.1			
Note: THERE WERE NUMEROUS FIBROUS ADHESIONS TO THE OVARY INCLUDING PANCREATIC AND MESENTERIC.			
Pancreas	Serosa	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 591 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Depletion Lymphoid Hematopoietic Cell Proliferation	Moderate Marked
Note: HEMA CELL PROL TGLs = 3-3			
Stomach	Epithelium, Glandular	Hyperplasia	Focal, Mild
Note: HYPERPLASIA TGLs = 6-4			
Thymus		Depletion Lymphoid	Marked
Urinary Bladder	Serosa	Inflammation	Chronic Active, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

MISSING

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 4-3		
Note: HYPERPLASIA	TGLs = 3-3		
Ovary		Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 1-3		
Uterus		Abscess	Marked
	Endometrium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
	Periportal	Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 3-3			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 1-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Skin	Spleen	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Mammary Gland		Inflammation	Chronic, Minimal
Nose	Lumen	Inflammation	Acute, Mild
Ovary	Periovarn Tiss	Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic, Mild
Note: CYST	TGLs = 1-5		
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Forestomach	Inflammation	Chronic, Minimal
	Forestomach	Inflammation	Necrotizing, Chronic Active, Mild
	Forestomach	Squamous Cell Papilloma	
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 5	SEX: Female	DAY ON TEST: 646
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Ovary

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 513
HISTO:

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Inflammation	Acute, Moderate
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
	Serosa	Inflammation	Acute, Moderate
Lung		Bacterium	Mild
	Alveolar Epith	Hyperplasia	Minimal
	Perivascular	Inflammation	Acute, Moderate
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Inflammation	Acute, Minimal
	Renal	Inflammation	Acute, Mild
Note: HYPERPLASIA TGLs = 4-4			
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Ovary		Abscess	Marked
Note: LESIONS AND BACTERIAL INFECTION. Note: THE OVARIAN ABSCESS, PERITONITIS AND OTHER INFLAMMATORY Note: THE IMMEDIATE CAUSE OF DEATH IN THIS ANIMAL IS RELATED TO Note: ABSCESS TGLs = 2-5.1,3-5.1			
Pancreas	Serosa	Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 513 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle	Thoracic	Inflammation	Acute, Mild
Thymus		Depletion Lymphoid	Moderate
		Necrosis	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Mild
Intestine Small	Duodenum, Serosa	Fibrosis	Mild
	Ileum, Lymphoid Nodul	Hyperplasia	Mild
	Duodenum, Serosa	Inflammation	Chronic Active, Mild
Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Mild
Note: GLMSCLEROSIS TGLs = 6-4			
Liver		Congestion	Mild
		Hematopoietic Cell Proliferation	Moderate
Note: CONGESTION TGLs = 7-11			
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Inflammation	Acute, Minimal
	Pancreatic	Inflammation	Acute, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 2-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: HEMA CELL PROL TGLs = 3-4		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia Inflammation	Mild Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Degeneration	Minimal
		Fatty Change	Minimal
		Hemorrhage	Mild
	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Note: HEMORRHAGE	TGLs = 3-1		
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-4]		
Ovary		Pigmentation	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: ANGIECTASIS	TGLs = 4-3		
Uterus	Endometrium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 6

SEX: Female

DAY ON TEST: 605

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Gallbladder	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	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Thymus
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OBSERVATIONS

Ear

Note: TO ACCOUNT FOR THE HEAD TILT WHICH WAS RELATED TO A LARGE
 Note: CARCINOMA OF THE ANTERIOR PITUITARY.
 Note: SECTION OF THE MIDDLE EAR FAILED TO REVEAL ANY LESIONS

Kidney

Inflammation

Chronic, Minimal

Liver

Basophilic Focus

Minimal

Mammary Gland

Hyperplasia

Mild

Pituitary Gland

Pars Distalis

Carcinoma

Note: EXPANSIVE TUMOR CAUSED A LARGE EXCAVATION ON THE
 Note: CARCINOMA TGLs = 4-8
 Note: VENTRAL SURFACE OF THE BRAIN.

Uterus

Endometrium

Hyperplasia

Mild

Inflammation

Chronic Active, Mild

Leiomyoma

Note: POORLY CIRCUMSCRIBED MASS IN ONE HORN; HAS SHEETS
 Note: LONGATED VESICULAR NUCLEI, APPEARING TO REPRESENT
 Note: SMOOTH MUSCLE CELLS FORMING A LEIOMYOMA.
 Note: OF FAIRLY UNIFORM CELLS WITH OVAL, ROUND, AND E-
 Note: LEIOMYOMA TGLs = 3-5

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 6

SEX: Female

DAY ON TEST: 605

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21

TRT#: 4
DOSE: VEHICLE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea			

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic, Mild
		Necrosis	Coagulative, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mandibular	Lymphoma Malignant Lymphocytic	
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 2-4		
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Mild
Liver		Eosinophilic Focus	Minimal
		Fatty Change	Minimal
		Hemorrhage	Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
Ovary		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 6	SEX: Female	DAY ON TEST: 60
	DOSE: 0.3 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mesenteric	Mammary Gland	Pituitary Gland	Spleen
Thymus			

AUTO PRECLUDES DIAG.

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

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Bone Marrow	Congestion	Marked
	Hypoplasia	Marked
Brain	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MODERATE POSTMORTEM AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Tooth	Trachea		

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Mammary Gland		Galactocele	Mild
		Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Mild
	Lumen	Inflammation	Acute, Mild
	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
Ovary		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic, Mild
Note: CYST	TGLs = 1-5		
Oviduct		Inflammation	Acute, Mild
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Parotid GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Mild
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Thymus		Hemorrhage	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 5

SEX: Female

DAY ON TEST: 568

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Mesentery	Nose	Pancreas	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Bone		Carcinoma	Metastatic (Lung)
Note: CARCINOMA	TGLs = 3,13,14-12		
Heart		Carcinoma	Metastatic (Lung)
Kidney		Carcinoma	Metastatic (Lung)
		Inflammation	Chronic, Mild
Note: CARCINOMA	TGLs = 11-4		
Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic, Mild
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON CARC	TGLs = 16-1		
Lymph Node		Carcinoma	Metastatic (Lung)
Note: CARCINOMA	TGLs = 7-2		
Ovary		Granulosa Cell Tumor Benign	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skeletal Muscle	Hindlimb	Carcinoma	Metastatic (Lung)
Note: CARCINOMA	TGLs = 3,13,14-11.1+12+12.1		
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Depletion Lymphoid	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 5	SEX: Female	DAY ON TEST: 568
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 59
DOSE: 0.3 G/KG **DISP:** Natural Death **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Small - Duodenum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Uterus		

MISSING

Intestine Large - Rectum	Intestine Small - Jejunum	Mammary Gland	Urinary Bladder
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Bone Marrow	Congestion	Marked
	Hypoplasia	Mild
Spleen	Depletion Lymphoid	Moderate
Note: DEPLET LYMPH TGLs = 5-3		
Thymus	Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MODERATE TO SEVERE AUTOLYSIS.

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 669
DOSE: VEHICLE **DISP:** Natural Death **HISTO:**

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 - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pituitary Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Tooth	Trachea		

MISSING

Gallbladder	Lymph Node - Mandibular	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Marked
		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
	Periportal	Inflammation	Chronic, Mild
	Serosa	Inflammation	Acute, Mild
Lung		Leukocytosis	Marked
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 4-5		
Pancreas	Serosa	Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic, Mild
	Glandular	Inflammation	Chronic, Mild
	Forestomach	Squamous Cell Papilloma	
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 4

SEX: Female

DAY ON TEST: 669

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 5

SEX: Female

DAY ON TEST: 578

DOSE: 0.15 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Serosa	Inflammation	Acute, Mild
Kidney		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Coagulative, Minimal
Lung	Pleura	Inflammation	Chronic Active, Marked
Lymph Node	Mediastinal	Abscess	Mild
	Bronchial	Inflammation	Chronic Active, Moderate
	Mesenteric	Inflammation	Chronic, Moderate
Mesentery		Inflammation	Chronic Active, Marked
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Ovary		Abscess	Marked
		Cyst	Moderate
Note: ABSCESS	TGLs = 2-5+5.1		
Pancreas		Abscess	Marked
Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
Skeletal Muscle	Thoracic	Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 1-4		
Thymus		Necrosis	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 5
DOSE: 0.15 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 578
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 60
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Intestine Large - Rectum	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Skin			

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Bone Marrow		Congestion	Marked
		Hypoplasia	Moderate
Kidney			
Note: DESQUAMATED TUBULAR EPITHELIAL CELLS NOTED WITH-			
Note: IN THE LUMEN OF TUBULES IN THE CORTICO-MEDULLARY			
Note: REGION.			
Lymph Node	Mandibular	Depletion Lymphoid	Moderate
Spleen		Depletion Lymphoid	Moderate
Note: DEPLET LYMPH TGLs = 6-3			
Thymus		Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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	Parathyroid Gland
Pituitary Gland	Skin	Thyroid Gland	Trachea

MISSING

Mammary Gland	Thymus		
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Hepatocellular Adenoma	
	Periportal	Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Inflammation	Chronic Active, Mild
	Forestomach	Squamous Cell Carcinoma	Early Invasion
Note: SQUAM CEL CARC TGLs = 3-4			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 1-5			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 5 DOSE: 0.15 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Lung	Ovary
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation Mixed Cell Focus Necrosis Pigmentation	Chronic, Minimal Mild Coagulative, Minimal Minimal
Spleen [Hemangiosarcoma TGLS = 2,3-2]		Hemangiosarcoma	
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 4-3			
Note: HEPATOCLR ADEN TGLs = 6-3			
Note: HEPATOCLR ADEN TGLs = 7-3			
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 5-11			
Nose	Glands, Mucosa	Dilatation	Minimal
	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Cyst	Mild
Note: CYST TGLs = 1-5			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Necrotizing, Chronic Active, Moderate
Note: INFLAMMATION TGLs = 8-4			
Note: HYPERKERATOSIS TGLs = 8-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ACANTHOSIS TGLs = 8-4

Urinary Bladder

Uterus

Note: HYPERPLASIA TGLs = 2-5

Endometrium

Inflammation

Hyperplasia

Chronic, Minimal

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 4

SEX: Female

DAY ON TEST: 599

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
 Esophagus
 Intestine Large - Colon
 Intestine Small - Jejunum
 Pituitary Gland
 Stomach - Glandular
 Urinary Bladder

Adrenal Gland - Medulla
 Gallbladder
 Intestine Large - Rectum
 Islets, Pancreatic
 Salivary Glands
 Thymus

Bone
 Heart
 Intestine Small - Duodenum
 Mammary Gland
 Skin
 Thyroid Gland

Brain
 Intestine Large - Cecum
 Intestine Small - Ileum
 Nose
 Stomach - Forestomach
 Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow
 Kidney
 Liver
 Lung
 Lymph Node

Axillary
 Lumbar
 Mandibular
 Mediastinal
 Mesenteric
 Pancreatic
 Renal

Myelofibrosis
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type
 Lymphoma Malignant Undifferentiated Cell Type

Minimal

Note: LYMPH MAL UNDF TGLs = 8-6
 Note: LYMPH MAL UNDF TGLs = 7-2
 Note: LYMPH MAL UNDF TGLs = 10-3
 Note: LYMPH MAL UNDF TGLs = 3-11
 Note: LYMPH MAL UNDF TGLs = 2-2
 Note: LYMPH MAL UNDF TGLs = 11-12,12-12

Ovary

Cyst
 Lymphoma Malignant Undifferentiated Cell Type

Marked

Note: CYST TGLs = 4-5

Periovarn Tiss

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 4

SEX: Female

DAY ON TEST: 599

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MILD HEMORRHAGIC CYST.

Pancreas

Lymphoma Malignant Undifferentiated Cell Type

Spleen

Lymphoma Malignant Undifferentiated Cell Type

Note: LYMPH MAL UNDF TGLs = 5-4

Uterus

Endometrium

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 5 DOSE: 0.15 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
OBSERVATIONS			
Kidney	Prox Con Tub	Atrophy Lymphoma Malignant Lymphocytic	Mild
Liver		Hemorrhage Hepatocellular Adenoma Inflammation Pigmentation	Minimal Multiple Chronic Active, Minimal Minimal
Note: HEPATOCLR ADEN TGLs = 11-1			
Lung	[Alveolar/Bronchiolar Adenoma TGLS = 5-4]	Alveolar/Bronchiolar Adenoma	
Lymph Node	Axillary Inguinal Lumbar Mandibular Mediastinal Mesenteric Renal	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-4			
Note: LYMPH MAL LYMP TGLs = 6-3			
Note: LYMPH MAL LYMP TGLs = 9-2			
Note: LYMPH MAL LYMP TGLs = 10-5			
Note: LYMPH MAL LYMP TGLs = 8-5			
Note: LYMPH MAL LYMP TGLs = 1-5			
Note: LYMPH MAL LYMP TGLs = 2-6			
Note: LYMPH MAL LYMP TGLs = 3-4			
Ovary		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 7-2]			
Uterus	Endometrium	Hyperplasia Lymphoma Malignant Lymphocytic	Moderate
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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
Pancreas	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea			

MISSING

Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Ovary		Cyst	Mild
Note: CYST TGLs = 1-5			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 572 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Heart
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	Pancreas	Parathyroid Gland
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Mammary Gland
Pituitary Gland	Thymus		

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skin		Hemangioma	
Note: HEMANGIOMA TGLs = 3-11			
Note: DIFFERENTIATED ENDOTHELIUM.			
Note: SPACES FILLED WITH BLOOD AND LINED BY A WELL-			
Note: THE MASS IS COMPOSED OF INTERCONNECTED VASCULAR			
Spinal Cord		Hemorrhage	Focal, Minimal
Note: POSTERIOR PARESIS MAY HAVE BEEN REFLECTED IN THE			
Note: AL CORD.			
Note: HEMORRHAGE TGLs = 6-5			
Note: IN THE FOCAL PETECHIAL HEMMORRHAGES IN THE SPIN-			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 4

SEX: Female

DAY ON TEST: 572

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 5-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 5

SEX: Female

DAY ON TEST: 612

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Serosa	Inflammation	Acute, Mild
Liver		Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Abscess	Marked
	Renal	Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 6-1]			
Mesentery		Inflammation	Acute, Minimal
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 4-5			
Pancreas	Serosa	Inflammation	Acute, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Large	Colon, Epithelium	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver		Hepatocellular Adenoma	Multiple
	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR ADEN TGLs = 1,2-3			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Thyroid Gland	Follicle	Cyst	Minimal
		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Skin	Stomach - Forestomach	Thyroid Gland
Tooth	Trachea		

MISSING

Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Acute, Moderate
Heart		Inflammation	Chronic Active, Minimal
Intestine Large	Rectum, Serosa	Inflammation	Acute, Minimal
Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic Active, Mild
Note: GLMSCLEROSIS	TGLs = 8-3		
Liver		Hematopoietic Cell Proliferation	Moderate
		Inflammation	Acute, Moderate
Lymph Node	Mediastinal	Congestion	Mild
	Mediastinal	Depletion Lymphoid	Marked
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Inflammation	Acute, Moderate
Note: HYPERPLASIA	TGLs = 3-2		
Note: HYPERPLASIA	TGLs = 9-11		
Note: CONGESTION	TGLs = 2-2		
Mammary Gland		Hyperplasia	Minimal
Mesentery		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Natural Death	DAY ON TEST: 718 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 4-5.1		
Pancreas	Serosa	Fibrosis	Moderate
	Serosa	Inflammation	Acute, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
	Capsule	Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 5-3		
Note: HEMA CELL PROL	TGLs = 7-3		
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Thymus		Depletion Lymphoid	Moderate
Urinary Bladder	Serosa	Inflammation	Chronic Active, Mild
		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 5	SEX: Female	DAY ON TEST: 509
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Bone Marrow	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pituitary Gland			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Heart	Epicardium	Inflammation	Acute, Moderate
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic Active, Mild
Lung		Congestion	Marked
	Pleura	Inflammation	Acute, Marked
Mesentery		Inflammation	Acute, Minimal
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Ovary	Periovarn Tiss	Inflammation	Acute, Mild
Pancreas	Serosa	Inflammation	Acute, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Acute, Moderate
Thymus		Depletion Lymphoid	Moderate
		Hemorrhage	Minimal
Uterus		Abscess	Marked

Note: ABSCESS TGLs = 2-5

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Thyroid Gland
Tooth	Trachea		

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 1-4,2-4			
Note: LYMPHOMA APPEARS TO BE AN EARLY TRANSFORMATION.			
Stomach	Glandular	Inflammation	Chronic Active, Minimal
Thymus		Hyperplasia	Lymphoid, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Tooth	Trachea

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic Active, Minimal
Intestine Large	Colon, Mesothelium	Hyperplasia	Minimal
Intestine Small	Duodenum, Mesothelium	Hyperplasia	Minimal
	Ileum, Mesothelium	Hyperplasia	Minimal
	Jejunum, Mesothelium	Hyperplasia	Minimal
Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Mild
Liver		Congestion	Minimal
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Acute, Mild
Note: CONGESTION	TGLs = 6-3		
Lung	Perivascular	Inflammation	Acute, Mild
Lymph Node	Lumbar	Inflammation	Chronic Active, Moderate
	Mesenteric	Inflammation	Chronic Active, Minimal
	Renal	Inflammation	Chronic Active, Moderate
Note: INFLAMMATION	TGLs = 3-6		
Note: INFLAMMATION	TGLs = 4-11		
Note: INFLAMMATION	TGLs = 5-11		
Mesentery		Inflammation	Chronic Active, Mild
Ovary		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28	TRT#: 4	SEX: Female	DAY ON TEST: 726
	DOSE: VEHICLE	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABSCESS	TGLs = 2-5		
Oviduct		Inflammation	Acute, Marked
Pancreas	Serosa	Fibrosis	Moderate
		Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Congestion	Minimal
	Pars Distalis	Hyperplasia	Moderate
Note: CONGESTION	TGLs = 7-8		
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Depletion Lymphoid	Marked
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 0.15 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

MISSING

Uterus

OBSERVATIONS

Kidney

Inflammation

Chronic, Mild

Liver

Inflammation

Chronic, Mild

Ovary

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Skin	Spleen	Thymus
Tooth	Trachea		

MISSING

Esophagus	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Cerebellum	Inflammation	Chronic, Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Ovary		Cyst	Mild
Note: CYST	TGLs = 1-5		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Glandular	Inflammation	Chronic Active, Minimal
Note: HYPERKERATOSIS	TGLs = 3-4		
Note: ACANTHOSIS	TGLs = 3-4		
Thyroid Gland		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 4
DOSE: VEHICLE

SEX: Female
DISP: Natural Death

DAY ON TEST: 726
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Intestine Large - Cecum
Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mandibular	Parathyroid Gland
Skin	Stomach - Forestomach	Thyroid Gland	Tooth

MISSING

Esophagus	Mammary Gland
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AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Capsule	Inflammation	Chronic Active, Moderate
Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Acute, Mild
Intestine Large	Colon, Serosa	Inflammation	Acute, Mild
Intestine Small	Jejunum, Mesothelium	Hyperplasia	Minimal
	Duodenum, Serosa	Inflammation	Chronic Active, Mild
Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Moderate
	Periportal	Inflammation	Chronic, Minimal
Lung		Congestion	Mild
	Mediastinum	Inflammation	Chronic Active, Moderate
	Perivascular	Inflammation	Acute, Mild
	Pleura	Inflammation	Hemorrhagic, Chronic Active, Moderate
Lymph Node	Lumbar	Bacterium	Marked
	Renal	Bacterium	Marked
	Mesenteric, Serosa	Congestion	Minimal
	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
	Lumbar	Inflammation	Chronic Active, Marked
	Mediastinal	Inflammation	Acute, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Natural Death	DAY ON TEST: 726 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

<p>Mesenteric Renal</p> <p>Note: HYPERPLASIA TGLs = 6-11 Note: INFLAMMATION TGLs = 4-6 Note: CONGESTION TGLs = 7-6 Note: HYPERPLASIA TGLs = 5-11</p> <p>Mesentery Nose Ovary Note: ABSCESS TGLs = 2-5,3-5 Oviduct Note: INFLAMMATION TGLs = 2-5,3-5 Pancreas Pituitary Gland Salivary Glands Spleen</p> <p>Stomach Thymus Trachea Urinary Bladder Uterus</p>	<p>Mesenteric Renal</p> <p>Glands, Mucosa</p> <p>Serosa Pars Distalis Submandibul GI</p> <p>Capsule Glandular</p> <p>Endometrium</p>	<p>Inflammation Inflammation</p> <p>Inflammation Inflammation Abscess</p> <p>Inflammation</p> <p>Inflammation Hyperplasia Inflammation Hematopoietic Cell Proliferation</p> <p>Inflammation Inflammation Depletion Lymphoid Inflammation Inflammation Hyperplasia Inflammation</p>	<p>Chronic Active, Moderate Chronic Active, Marked</p> <p>Chronic Active, Moderate Acute, Minimal Marked</p> <p>Acute, Marked</p> <p>Acute, Mild Mild Chronic, Minimal Moderate Acute, Mild Chronic, Minimal Moderate Acute, Minimal Chronic, Minimal Mild Acute, Minimal</p>
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PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Heart	Spleen
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MISSING

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Mild
		Inflammation	Chronic, Mild
Ovary		Pigmentation	Mild
Uterus	Endometrium	Hyperplasia	Marked

[Hyperplasia TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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 - Mesenteric	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
	Pleura	Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Cyst	Marked
Note: CYST	TGLs = 1-5		
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 4

SEX: Female

DAY ON TEST: 688

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
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	Skin	Stomach - Forestomach	Thyroid Gland
Tissue NOS	Tooth	Trachea	

MISSING

Lymph Node - Mesenteric	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Chronic Active, Mild
	Cortex	Inflammation	Chronic Active, Mild
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
	Periportal	Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN			
TGLs = 9-3			
Lung	Pleura	Inflammation	Acute, Mild
		Leukocytosis	Mild
Lymph Node	Pancreatic	Hemorrhage	Marked
	Renal	Hemorrhage	Marked
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Inflammation	Acute, Marked
Note: HEMORRHAGE			
TGLs = 7-4			
Note: HEMORRHAGE			
TGLs = 4-6			
Note: HYPERPLASIA			
TGLs = 6-4			
Mesentery		Inflammation	Acute, Moderate
Ovary		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Natural Death	DAY ON TEST: 688 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABSCESS	TGLs = 2-5.1+6		
Oviduct		Inflammation	Acute, Marked
Pancreas	Serosa	Inflammation	Acute, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 3-4		
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Depletion Lymphoid	Minimal
Urinary Bladder	Serosa	Inflammation	Acute, Mild
Uterus		Abscess	Moderate
	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic, Minimal
Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 2-3]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4,5-2			
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Tooth	Trachea

MISSING

Esophagus	Lymph Node - Mandibular	Lymph Node - Mesenteric
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Mammary Gland		Adenocarcinoma	
Note: MYOEPITHELIAL ELEMENTS MAY ALSO BE IN THE MASS.			
Note: ACINAR STRUCTURES PREDOMINATE IN THIS ADENOCARCINOMA.			
Note: ADENOCARC TGLs = 1-11			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Cyst	Moderate
Note: CYST TGLs = 2-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Sublingual GI	Inflammation	Chronic, Minimal
	Submandibular GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Hepatocellular Adenoma	Multiple
	Periportal	Inflammation	Chronic, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-4		
Note: LYMPH MAL MIXD	TGLs = 3-11		
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Cyst	Mild
	Periovarn Tiss	Inflammation	Chronic, Minimal
Pancreas		Fatty Change	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-4		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Chronic, Minimal

Uterus

Endometrium

Hyperplasia

Moderate

Note: HYPERPLASIA TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Ovary		Pigmentation	Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-2		
Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 638
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Thymus		

OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Chronic Active, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Coagulative, Mild
Lung		Leukocytosis	Moderate
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 6-11			
Note: HYPERPLASIA TGLs = 7-11			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 4-5			
Spleen		Congestion	Moderate
		Depletion Lymphoid	Mild
		Inflammation	Acute, Marked
Stomach	Glandular	Inflammation	Chronic Active, Mild
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: HYPERPLASIA TGLs = 5-5			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MILD TO MODERATE AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 4

SEX: Female

DAY ON TEST: 568

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Mucosa	Vacuolization Cytoplasmic	Marked
Note: MARKED CYTOPLASMIC VACUOLIZATION IN THE EPI- Note: THELIUM COVERING THE VILLI.			
Kidney		Inflammation	Chronic, Minimal
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 2-5.1			
Oviduct		Inflammation	Hemorrhagic, Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicle	Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 5
DOSE: 0.15 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO:

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Ovary		Cyst	Mild
		Pigmentation	Mild
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 6	SEX: Female	DAY ON TEST: 708
	DOSE: 0.3 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Islets, Pancreatic
Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Tooth	Trachea

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Acute, Moderate
Heart		Inflammation	Acute, Minimal
Intestine Large	Cecum, Mesothelium	Hyperplasia	Minimal
	Colon, Mesothelium	Hyperplasia	Minimal
	Mesothelium, Rectum	Hyperplasia	Minimal
	Intestine Small	Duodenum, Mesothelium	Hyperplasia
Kidney	Ileum, Mesothelium	Hyperplasia	Minimal
	Jejunum, Mesothelium	Hyperplasia	Minimal
		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Mild
Note: GLMSCLEROSIS	TGLs = 6-4		
Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Serosa	Inflammation	Acute, Moderate
	Pleura	Inflammation	Acute, Marked
		Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 8-1		
Lymph Node	Pancreatic	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 3-2		
Note: HYPERPLASIA	TGLs = 5-12		
Note: HYPERPLASIA	TGLs = 7-12		
Mesentery		Inflammation	Acute, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 708 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
		Cyst	Marked
Note: CYST	TGLs = 4-5		
Note: ABSCESS	TGLs = 2-5.1		
Pancreas		Abscess	Marked
		Atrophy	Moderate
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Depletion Lymphoid	Moderate
Thyroid Gland		Ultimobranchial Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Mild
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA	TGLs = 1-11		
Note: HYPERPLASIA	TGLs = 2-11		
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Squamous Cell Carcinoma	Early Invasion
Thymus		Hemorrhage	Minimal
Note: HEMORRHAGE MAY BE AGONAL CHANGE.			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Abscess	Marked
	Endometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hemorrhage	Minimal
		Mixed Cell Focus	Mild
Lymph Node	Lumbar	Adenocarcinoma	Metastatic (Uterus)
	Pancreatic	Lymphoma Malignant Mixed	
Note: ADENOCARC	TGLs = 4,5-2		
Ovary	Periovarn Tiss	Cyst	Moderate
		Pigmentation	Mild
Note: CYST	TGLs = 1-3		
Uterus	Endometrium	Adenocarcinoma	
		Hyperplasia	Moderate
[Adenocarcinoma TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:19

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin
Thyroid Gland

MISSING

Mammary Gland

Ovary

OBSERVATIONS

Brain
Kidney
Liver
Lung
[Alveolar/Bronchiolar Adenoma TGLS = 1-1]
Pituitary Gland
Salivary Glands
Stomach
Urinary Bladder
Uterus

Thalamus
Periportal
Pars Distalis
Submandibul GI
Glandular
Endometrium

Mineralization
Inflammation
Inflammation
Alveolar/Bronchiolar Adenoma
Adenoma
Inflammation
Inflammation
Inflammation
Hyperplasia

Minimal
Chronic, Minimal
Chronic, Minimal
Chronic, Minimal
Chronic, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Meninges	Lymphoma Malignant Mixed	
	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Lymphoma Malignant Mixed	
Note: MENINGES SUGGESTS A LEUKEMIA RATHER THAN INFLAMMATION.			
Note: THE PRESENCE OF SIMILIAR INFILTRATES IN THE KIDNEY AND			
Liver		Inflammation	Chronic, Minimal
Lung	Artery	Hyperplasia	Minimal
	Perivascular	Inflammation	Chronic Active, Mild
Nose	Lumen	Inflammation	Acute, Moderate
Ovary		Cyst	Mild
Note: CYST TGLs = 2-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic, Mild
Tooth	Incisor	Abscess	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Endometrium

Hyperplasia

Moderate

Note: HYPERPLASIA TGLs = 3-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 5 DOSE: 0.15 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Kidney Note: ATROPHY TGLs = 3-2	Prox Con Tub	Atrophy Inflammation	Mild Chronic, Mild
Liver	Periportal	Hemorrhage Inflammation Necrosis Cyst	Minimal Chronic, Minimal Coagulative, Minimal Mild
Ovary Note: CYST TGLs = 1-1			
Uterus [Hyperplasia TGLS = 2-3]	Endometrium	Hyperplasia Inflammation	Moderate Acute, Minimal
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Gallbladder
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	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Tooth	Trachea

MISSING

Esophagus

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lung		Inflammation	Chronic Active, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Abscess	Moderate
		Cyst	Mild
Note: ABSCESS	TGLs = 1-5		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA	TGLs = 2-4		
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Mammary Gland	Ovary	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Inflammation	Necrotizing, Acute, Mild
Note: INFLAMMATION	TGLs = 5-12		
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Moderate
Oviduct		Inflammation	Chronic Active, Moderate
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Dysplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Muscularis	Congestion	Minimal
	Endometrium	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 4-5		
Note: CONGESTION	TGLs = 6-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 5	SEX: Female	DAY ON TEST: 711
	DOSE: 0.15 G/KG	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Intestine Large - Cecum	Liver
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MISSING

Pancreas

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Hemorrhage	Marked
Note: HEMORRHAGE TGLs = 8-2			
Ovary		Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 9-4]			
[Angiectasis TGLS = 9-4]			
Uterus	Endometrium	Hyperplasia	Marked
		Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 7-3			
Note: HYPERPLASIA TGLs = 7-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 2-7		
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 3-6		
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Hyperplasia	Lymphoid, Mild
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 1-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pituitary Gland	Skin	Stomach - Forestomach
Thymus	Tooth	Trachea	

MISSING

Adrenal Gland - Medulla	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Blood Vessel			
Note: 8			
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Lymphoid Nodul	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
		Metaplasia	Osseous, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Minimal
Note: HYPERPLASIA TGLs = 1-3			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
Pancreas	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Mild
Note: DILATATION TGLs = 2-6,3-6			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Inflammation	Chronic Active, Mild
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Chronic, Minimal

Uterus

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 5	SEX: Female	DAY ON TEST: 244
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum Nose

OBSERVATIONS

Lymph Node	Mandibular	Depletion Lymphoid	Mild
	Mesenteric	Necrosis	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Depletion Lymphoid	Minimal
Thymus		Cyst	Minimal
		Depletion Lymphoid	Moderate
Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Parathyroid Gland	Pituitary Gland
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mandibular	Nose
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Hemorrhage	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8-3		
Note: HEMORRHAGE	TGLs = 8-3		
Lung	Mediastinum	Lymphoma Malignant Mixed	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-1		
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-6		
Note: LYMPH MAL MIXD	TGLs = 6-6		
Note: LYMPH MAL MIXD	TGLs = 7-11		
Ovary		Cyst	Marked
		Granulosa Cell Tumor Benign	
		Lymphoma Malignant Mixed	
		Necrosis	Coagulative, Moderate
Note: CYST	TGLs = 3-5		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST	TGLs = 2-5		
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Skin	Submandibul GI	Fibrosis	Minimal
Spleen	Subcut Tiss	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-4		
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 4

SEX: Female

DAY ON TEST: 659

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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	Thymus
Tooth			

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Thyroid Gland	Trachea
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
	Sternal	Sarcoma	Metastatic (Skin)
Brain	Thalamus	Mineralization	Minimal
Heart	Coron Artery, Perivascular	Inflammation	Chronic Active, Mild
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
Note: GLMSCLEROSIS	TGLs = 7-4		
Liver		Inflammation	Chronic, Mild
Lung		Sarcoma	Metastatic (Skin)
Note: SARCOMA	TGLs = 5-1		
Lymph Node	Mediastinal	Sarcoma	Metastatic (Skin)
Mesentery		Inflammation	Chronic, Mild
		Sarcoma	Metastatic (Skin)
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Skeletal Muscle		Sarcoma	Extension
Note: SARCOMA	TGLs = 3-11.1		
Skin		Inflammation	Necrotizing, Acute, Moderate
	Subcut Tiss	Sarcoma	
Note: SARCOMA	TGLs = 2-11		
Note: INFLAMMATION	TGLs = 2-11		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 659 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: HEMA CELL PROL TGLs = 8-4		Hematopoietic Cell Proliferation	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 5
DOSE: 0.15 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 475
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Intestine Large - Cecum	Mammary Gland
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Kidney		Inflammation	Chronic, Minimal
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Inflammation	Acute, Mild
	Mesenteric	Inflammation	Acute, Marked
Note: HYPERPLASIA TGLs = 7-3			
Mesentery		Inflammation	Acute, Moderate
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 4,5,6-5.1			
Pancreas	Serosa	Inflammation	Acute, Moderate
Skeletal Muscle	Intercostal	Inflammation	Acute, Minimal
Spleen		Depletion Lymphoid	Minimal
		Hematopoietic Cell Proliferation	Marked
Thymus		Depletion Lymphoid	Moderate
		Necrosis	Marked
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Parathyroid Gland
Skin	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland Nose

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary	Periovarn Tiss	Cyst	Marked
Note: CYST TGLs = 1-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Mild
	Glandular	Inflammation	Chronic, Minimal
Note: HYPERKERATOSIS TGLs = 2-4			
Note: ACANTHOSIS TGLs = 2-4			
Note: INFLAMMATION TGLs = 2-4			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:19
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Lymph Node - Mesenteric
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Cyst	Mild
Note: CYST	TGLs = 1-5		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-5		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Ovary
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2,3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 6
DOSE: 0.3 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 469
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Congestion	Mild
		Hematopoietic Cell Proliferation	Moderate
Note: CONGESTION	TGLs = 6-3		
Lung		Inflammation	Chronic, Mild
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
	Renal	Inflammation	Acute, Mild
Note: INFLAMMATION	TGLs = 7-11		
Note: HYPERPLASIA	TGLs = 7-11		
Mesentery		Inflammation	Chronic Active, Moderate
Ovary		Abscess	Marked
	Periovarn Tiss	Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 5-5+5.1		
Note: ABSCESS	TGLs = 5-5+5.1		
Pancreas	Serosa	Inflammation	Chronic Active, Mild
Note: SINCE THE PERITONEUM IS NOT AVAILABLE AS A SITE THE			
Note: PERITONITIS OBSERVED IN THIS ANIMAL HAS BEEN LOGGED IN			
Note: AS INFLAMMATION OF THE SEROSA OF SEVERAL ORGANS.			
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skeletal Muscle	Thoracic	Inflammation	Acute, Moderate
Spleen		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 6	SEX: Female	DAY ON TEST: 469
	DOSE: 0.3 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Hematopoietic Cell Proliferation	Marked
Uterus	Endometrium	Inflammation	Chronic, Mild
		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MILD TO MODERATE AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Heart
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	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea		

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Thymus
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Lymphoid Nodul	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Ovary		Abscess	Moderate
Note: ABSCESS TGLs = 1-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 5	SEX: Female	DAY ON TEST: 243
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Intestine Large - Rectum	Mammary Gland	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Lung	Perivascular	Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 4-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Ovary		Cyst	Mild
Note: CYST TGLs = 1-5			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Ear
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Ear			
Note: NEGATIVE FOR LESIONS.			
Note: DISPUTE THE HEAD TILT, SECTIONS OF THE MIDDLE EAR WERE			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Inflammation	Chronic, Minimal
		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-2.1			
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
Ovary	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Skeletal Muscle	Intercostal	Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-2			
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 5
DOSE: 0.15 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Kidney

Inflammation

Chronic, Minimal

Liver

Inflammation

Chronic Active, Minimal

Uterus

Endometrium

Necrosis

Coagulative, Minimal

Hyperplasia

Moderate

[Hyperplasia TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 733
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	Gallbladder
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	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Angiectasis	Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Fatty Change	Minimal
	Periportal	Inflammation	Chronic, Minimal
Ovary	Periovarn Tiss	Cyst	Mild
	Periovarn Tiss	Inflammation	Chronic, Minimal
Note: CYST TGLs = 1-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-8			
Salivary Glands	Sublingual GI	Inflammation	Chronic, Minimal
	Submandibular GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Leiomyoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 5	SEX: Female	DAY ON TEST: 30
	DOSE: 0.15 G/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lymph Node - Mesenteric
Ovary	Skin	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder	Uterus		

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Heart	Intestine Large - Rectum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Thymus
Thyroid Gland	Trachea		

PRESENT BUT NOT EXAMINED

Intestine Large - Cecum	Nose
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OBSERVATIONS

Bone Marrow	Congestion	Marked
Spleen	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: AUTOLYSIS.

Animal Note: ORGANS IN GENERAL: MILD TO MODERATE POST MORTEM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:20

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Mammary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Nose	Ovary	Parathyroid Gland	
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Prox Con Tub	Regeneration	Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
Pancreas	Duct	Dilatation	Moderate
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 4

SEX: Female

DAY ON TEST: 685

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

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	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Skin	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mesenteric	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Chronic Active, Mild
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Acute, Moderate
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum, Mesothelium	Hyperplasia	Minimal
	Jejunum, Mesothelium	Hyperplasia	Minimal
Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Minimal
Note: GLMSCLEROSIS TGLs = 5,6-4			
Liver		Hematopoietic Cell Proliferation	Moderate
	Serosa	Inflammation	Acute, Moderate
		Inflammation	Chronic, Mild
Lymph Node	Pancreatic	Angiectasis	Mild
	Pancreatic	Inflammation	Acute, Moderate
Note: ANGIECTASIS TGLs = 3-6			
Mesentery		Inflammation	Chronic Active, Mild
Nose	Glands, Mucosa	Inflammation	Acute, Mild
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 2-5.1			
Pancreas	Serosa	Inflammation	Chronic Active, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 685 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 4-4		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Squamous Cell Papilloma	
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 5	SEX: Female	DAY ON TEST: 704
	DOSE: 0.15 G/KG	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node - Mesenteric

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Diffuse, Mild
Ovary	Periovarn Tiss	Hemorrhage	Marked
	Periovarn Tiss	Thrombosis	Marked
Note: NO OVARIAN TISSUE WAS NOTED IN THE SECTION WITH			
Note: LOCATED THESE CHANGES WITHIN THE OVARIAN BURSA.			
Note: THROMBUS TGLs = 3-3			
Note: THROMBOSIS AND HEMORRHAGE. THE GROSS DESCRIPTION			
[Hemorrhage TGLS = 3-3]			
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	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
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea			

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Kidney		Inflammation	Chronic, Minimal
		Lymphoma Malignant Mixed	
	Prox Con Tub	Regeneration	Minimal
Liver		Lymphoma Malignant Mixed	
		Necrosis	Coagulative, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-11			
Note: LYMPH MAL MIXD TGLs = 4-11			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Cyst	Mild
Note: CYST TGLs = 1-5			
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-4			
Urinary Bladder		Inflammation	Chronic Active, Mild
Uterus	Endometrium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Lung		Hemorrhage	Minimal
Ovary		Luteoma	
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

Note: HYPERPLASIA TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-4]			
[Angiectasis TGLS = 3-4]			
Uterus	Endometrium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1,2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 2-3			
Lung	Peribronchiolr	Inflammation	Chronic, Mild
	Perivascular	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 1-4			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 4

SEX: Female

DAY ON TEST: 652

DOSE: VEHICLE

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Salivary Glands
Stomach - Forestomach	Thyroid Gland	Tooth	Trachea

MISSING

Intestine Large - Rectum	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Prox Con Tub	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Sarcoma	
Note: SARCOMA	TGLs = 2-11		
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
Note: HEMA CELL PROL	TGLs = 5-4		
Note: HYPERPLASIA	TGLs = 5-4		
Stomach	Glandular	Inflammation	Chronic, Minimal
Thymus		Hemorrhage	Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 3-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 444
DOSE: 0.15 G/KG **DISP:** Natural Death **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Liver	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Mild
Kidney		Inflammation	Chronic, Minimal
Lung	Perivascular	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 4-5

PRIMARY CAUSE OF DEATH

-

Animal Note: AUTOLYSIS.

Animal Note: ORGANS IN GENERAL: MODERATE TO MARKED POSTMORTEM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 733
DOSE: 0.3 G/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Thymus	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Hepatocellular Adenoma	Multiple
	Periportal	Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 2-3,3-3			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Pancreas		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosis	Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
Thyroid Gland		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Moderate

Note: HYPERPLASIA TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Bacterium	Minimal
Brain		Bacterium	Minimal
		Hemorrhage	Minimal
	Thalamus	Mineralization	Minimal
Heart		Abscess	Minimal
		Bacterium	Marked
		Necrosis	Focal, Minimal
Kidney		Abscess	Mild
		Bacterium	Mild
		Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Focal, Mild
Liver	Periportal	Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
		[Alveolar/Bronchiolar Adenoma TGLS = 2-1]	
Lymph Node	Mesenteric	Depletion Lymphoid	Mild
	Mesenteric	Hemorrhage	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Depletion Lymphoid	Minimal
Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:20

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: VEHICLE

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: ORGANS IN GENERAL: MILD TO MARKED AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
Liver	Periportal	Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-4		
Note: LYMPH MAL MIXD	TGLs = 4-4		
Ovary		Cyst	Mild
		Cystadenoma	
Note: CYSTADENOMA	TGLs = 1-3		
Pancreas		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-2]		
Uterus	Endometrium	Hyperplasia	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 0.3 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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	Ovary	Pancreas	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Periportal	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Ectasia	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
		Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA	TGLs = 2-11		
Mammary Gland		Inflammation	Chronic, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Marked
Oviduct		Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 5
DOSE: 0.15 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO:

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1]			
Ovary	Periovarn Tiss	Cyst	Minimal
[Cyst TGLS = 1-3]			
Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	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	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Tooth	Trachea	

MISSING

Parathyroid Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
	Prox Con Tub	Regeneration	Minimal
Note: LYMPH MAL UNDF	TGLs = 3-4		
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Lumbar	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 4-11		
Note: LYMPH MAL UNDF	TGLs = 5-11		
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Lymphoma Malignant Undifferentiated Cell Type	
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 2-4		
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 698 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 739
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	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
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
		Necrosis	Coagulative, Minimal
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 2-4			
Stomach	Forestomach	Hyperkeratosis	Mild
Uterus	Endometrium	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
Ovary		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 6

SEX: Female

DAY ON TEST: 568

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lymph Node - Mandibular	Pancreas	Salivary Glands	Skin
Spleen	Thyroid Gland	Trachea	

MISSING

Intestine Small - Ileum	Intestine Small - Jejunum	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Chronic Active, Mild
Heart		Bacterium	Marked
Kidney		Bacterium	Marked
		Inflammation	Necrotizing, Acute, Moderate
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
		Bacterium	Marked
Note: ALV BRON ADEN TGLs = 3-1			
Lymph Node	Mediastinal	Abscess	Mild
	Lumbar	Inflammation	Acute, Mild
	Mesenteric	Inflammation	Acute, Mild
	Renal	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 7-6			
Note: LYMPH NODES. NEUTROPHILS AND BACTERIA WERE SEEN			
Note: AUTOLYSIS AFFECTED MULTIPLE TISSUES INCLUDING THE			
Note: IN THE LUMBAR, RENAL AND MESENTERIC NODES.			
Note: INFLAMMATION TGLs = 9-4			
Note: INFLAMMATION TGLs = 8-3			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 5-5.1			
Skeletal Muscle	Thoracic	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 568 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Depletion Lymphoid	Marked
Urinary Bladder	Submucosa	Fibrosis	Mild
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Note: THERE IS FOCAL FIBROSIS IN THE SUBMUCOSA. Note: EPITHELIAL LINING APPEARS TO BE HYPERPLASTIC AND			
Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ORGANS IN GENERAL: MILD TO MARKED AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 4	SEX: Female	DAY ON TEST: 693
	DOSE: VEHICLE	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Salivary Glands
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Bone Marrow		Myelofibrosis	Minimal
Gallbladder		Inflammation	Acute, Moderate
Heart	Coron Artery, Perivascular	Inflammation	Acute, Mild
Kidney		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
	Serosa	Inflammation	Acute, Moderate
Lung		Congestion	Minimal
	Perivascular	Inflammation	Acute, Mild
		Leukocytosis	Mild
Note: CONGESTION TGLs = 2-1			
Lymph Node	Mediastinal	Depletion Lymphoid	Moderate
	Mediastinal	Inflammation	Acute, Marked
Note: DEPLET LYMPH TGLs = 3-2			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 4-5			
Pancreas	Serosa	Inflammation	Acute, Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Depletion Lymphoid	Moderate
		Hematopoietic Cell Proliferation	Marked
Thymus		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 4
DOSE: VEHICLE

SEX: Female
DISP: Natural Death

DAY ON TEST: 693
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder
Uterus

Endometrium

Inflammation
Hyperplasia
Inflammation

Chronic, Minimal
Mild
Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.15 G/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Gallbladder	Ovary
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
Note: HEPATOCLR ADEN TGLs = 3-1			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Note: ADENOMA TGLs = 4-4 [Adenoma TGLS = 4-4]			
Uterus	Endometrium	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 1,2-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 6

SEX: Female

DAY ON TEST: 492

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Thymus	

OBSERVATIONS

Adrenal Gland	Capsule	Lymphoma Malignant Histiocytic	
Bone Marrow		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
Lung		Hemorrhage	Mild
		Lymphoma Malignant Histiocytic	
Lymph Node	Lumbar	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 8-6.1,9-6.1		
Note: LYMPH MAL HIST	TGLs = 6-6		
Note: LYMPH MAL HIST	TGLs = 7-6.1		
Nose	Nasolacrim Dct	Lymphoma Malignant Histiocytic	
Ovary		Lymphoma Malignant Histiocytic	
Pharynx	Palate	Lymphoma Malignant Histiocytic	
Skeletal Muscle	Intercostal	Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 3-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:20

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 6

SEX: Female

DAY ON TEST: 492

DOSE: 0.3 G/KG

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ORGANS IN GENERAL: MARKED POSTMORTEM AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 4 DOSE: VEHICLE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 739 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	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
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Tooth	Trachea

OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: HYPERPLASIA TGLs = 5-11			
Note: HYPERPLASIA TGLs = 6-11			
Note: LYMPH MAL UNDF TGLs = 4-6			
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary		Abscess	Marked
		Hemorrhage	Mild
Note: ABSCESS TGLs = 2-5			
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Sublingual GI	Inflammation	Chronic, Minimal
	Submandibular GI	Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-4			
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Phenylbutazone

CAS Number: 50-33-9

Date Report Requested: 10/23/2014

Time Report Requested: 12:27:20

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Acute, Marked

Note: HYPERPLASIA TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 5

SEX: Female

DAY ON TEST: 735

DOSE: 0.15 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Clitoral Gland		Cyst	Mild
Note: CYST	TGLs = 3-4		
Kidney		Inflammation	Chronic, Minimal
Liver		Hemorrhage	Mild
	Periportal	Inflammation	Chronic, Mild
		Mixed Cell Focus	Mild
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 6-5]			
[Cyst TGLS = 6-5]			
Salivary Glands	Submandibul GI	Atrophy	Minimal
	Submandibul GI	Inflammation	Chronic, Minimal
Note: ATROPHY	TGLs = 1-4		
Spleen		Hyperplasia	Lymphoid, Moderate
Note: THIS LOOKS LIKE AN EARLY LYMPHOMA.			
Note: HYPERPLASIA	TGLs = 4-2		
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.3 G/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	Mild
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Lymphoma Malignant Mixed	
Intestine Large	Cecum	Lymphoma Malignant Mixed	
Kidney		Inflammation	Chronic, Mild
Liver		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Lymphoma Malignant Mixed	
Spleen		Hyperplasia	Lymphoid, Minimal
Thymus		Lymphoma Malignant Mixed	
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Tooth
Trachea			

MISSING

Esophagus	Lymph Node - Mandibular
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic, Minimal
Lung	Peribronchiolr	Inflammation	Chronic, Mild
	Perivascular	Inflammation	Chronic, Mild
	Pleura	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands, Mucosa	Inflammation	Acute, Minimal
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Acute, Moderate

Note: HYPERPLASIA TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 5

SEX: Female

DAY ON TEST: 556

DOSE: 0.15 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Intestine Large - Cecum	Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Periportal	Inflammation	Chronic, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Marked
	Mesenteric	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Inflammation	Acute, Marked
	Renal	Inflammation	Acute, Moderate
Note: HYPERPLASIA TGLs = 9-2			
Note: HYPERPLASIA TGLs = 4-2			
Note: HYPERPLASIA TGLs = 8-2			
Mesentery		Abscess	Marked
Ovary		Abscess	Marked
	Periovarn Tiss	Inflammation	Chronic Active, Marked
Note: ABSCESS TGLs = 6-5			
Note: INFLAMMATION TGLs = 6-5			
Pancreas		Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 5
DOSE: 0.15 G/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 556
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Chronic, Minimal

Uterus

Abscess

Marked

Note: ABSCESS TGLs = 7-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 6 DOSE: 0.3 G/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 494 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Gallbladder	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Thymus			

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Kidney		Fibrosarcoma	Metastatic (Skin)
		Hydronephrosis	Mild
	Artery	Thrombosis	
Mesentery		Fibrosarcoma	Metastatic (Skin)
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibrosarcoma	
		Inflammation	Necrotizing, Acute, Marked
Note: FIBROSARC	TGLs = 2-11		
Note: INFLAMMATION	TGLs = 2-11		
Spleen		Depletion Lymphoid	Moderate
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Basal Cell, Minimal
Urinary Bladder		Fibrosarcoma	Metastatic (Skin)
Note: OF THE BLADDER. THEY APPEAR TO BE ISLANDS OF IN-			
Note: FILTRATIVE SPINDLE CELLS, INVADING THE MUSCULARIS			
Note: VISIBLE ON THE SEROSAL SURFACE WERE SHEETS OF IN-			
Note: VASIVE FIBROSARCOMA ARISING FROM THE PERINEAL TUMOR.			
Uterus		Abscess	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05063-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Phenylbutazone
CAS Number: 50-33-9

Date Report Requested: 10/23/2014
Time Report Requested: 12:27:20
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 6

SEX: Female

DAY ON TEST: 494

DOSE: 0.3 G/KG

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Acute, Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****