

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>C Number:</b>	C61552B
<b>Lock Date:</b>	04/08/1992
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 651	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 478
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Gavage Death	<b>HISTO:</b> 90-52869

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Heart		Cardiomyopathy	Minimal
Liver		Congestion	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Vacuolization Cytoplasmic TGLS = 3-21 ]		
Lung		Congestion	Mild
		Edema	Mild
Nose		Exudate	
		Foreign Body	Mild
Preputial Gland		Inflammation	Suppurative, Moderate
	[ Inflammation TGLS = 1-8-1,2-8-1 ]		
Prostate		Inflammation	Suppurative, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 652

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 645

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
Heart		Cardiomyopathy	Minimal
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-21 ]			
Nose		Exudate	
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Tongue		Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 4-22 ]			

**PRIMARY CAUSE OF DEATH** - Tongue Squamous Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 653

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56168

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small, Ileum	Thymus
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**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hyospermia	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Ectasia	Mild
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Intermed	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 654	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56169

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 2-10 ]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Ectasia	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-21 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate	Epithelium	Hyperplasia	Minimal
Thyroid Gland	Follicle	Mineralization	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 655

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 627

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Marked
Heart		Cardiomyopathy	Moderate
Intestine Large, Cecum		Dilatation	Marked
		Edema	Moderate
		Hemorrhage	Moderate
[ Dilatation TGLS = 6-4, 5-4 ]			
[ Hemorrhage TGLS = 7-22 ]			
Intestine Large, Colon		Dilatation	Moderate
[ Dilatation TGLS = 6-4, 5-4 ]			
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hyperplasia	Mild
[ Clear Cell Focus TGLS = 9-23 ]			
Lung		Foreign Body	Moderate
		Inflammation	Subacute, Moderate
Note: INFLAMMATION & FOREIGN BODY INVOLVE MEDIASTINUM (SLIDE 3-1)			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 10-3-1, 8-5 ]			
Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
[ Hemorrhage TGLS = 8-5 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 655

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 627  
**HISTO:** 90-55205

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hyperplasia TGLS = 10-3-1, 8-5 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-21 ]			
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 12-1 ]			
Preputial Gland		Ectasia	Moderate
		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
Prostate		Corpora Amylacea	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 1-7-3 ]			
[ Hyperplasia TGLS = 1-7 ]			
Tongue		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 11-24 ]			

**PRIMARY CAUSE OF DEATH** - Tongue Squamous Cell Papilloma  
**CONTRIBUTORY CAUSE OF DEATH** - Lung Foreign Body;Lung Inflammation;Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 656	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 597
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund	<b>HISTO:</b> 90-54753

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Degeneration	Fatty, Minimal
Brain		Compression	
[ Compression TGLS = 5-1-1 ]			
Epididymis		Atypia Cellular	
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Inguinal	Hemorrhage	Mild
[ Hemorrhage TGLS = 2-8 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-22 ]			
Nose		Exudate	
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-1 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-21 ]			

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PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 657

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 4-23 ]			
[ Mixed Cell Focus TGLS = 4-23 ]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[ Hemorrhage TGLS = 5-3-1 ]			
[ Pigmentation TGLS = 5-3-1 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-22 ]			
Pancreas	Acinar Cell	Adenoma	
	Acinar Cell	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-21 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 657	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56170

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Prostate		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 658

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 645

**DOSE:** 0 MG/KG

**DISP:** Dead

**HISTO:** 90-55206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Heart		Cardiomyopathy	Mild
Liver		Clear Cell Focus	
Lung		Congestion	Moderate
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Moderate
[ Hemorrhage TGLS = 5-3-1 ]			
[ Pigmentation TGLS = 5-3-1 ]			
Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-21 ]			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
Preputial Gland		Inflammation	Chronic, Mild
[ Inflammation TGLS = 2-8-1 ]			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Mesentery Fat Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 659

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Epididymis		Atypia Cellular	
Heart		Cardiomyopathy	Mild
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-1 ]			
Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 660

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56172

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node, Mandibular		Pigmentation	Mild
Pancreas	Acinar Cell	Adenoma	
[ Adenoma TGLS = 3-21 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Prostate		Corpora Amylacea	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 661                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 730  
**DOSE:** 0 MG/KG                      **DISP:** Interval Sacrifice                      **HISTO:** 91-56173

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Angiectasis	Moderate
Adrenal Medulla		Pheochromocytoma Benign	
Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 5-22 ]			
Lymph Node, Mesenteric		Pigmentation	Mild
[ Pigmentation TGLS = 3-5 ]			
Mammary Gland		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-8 ]			
Mesentery		Mesothelioma Malignant	
	Fat	Necrosis	Mild
Note: MESOTHELIO MAL IS ON SLIDE 7-1			
[ Necrosis TGLS = 4-21 ]			
Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 661

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56173

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 662

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Medulla	Blood Vessel	Bone Marrow	Brain
Esophagus	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
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Bone		Osteosarcoma	
[ Osteosarcoma TGLS = 1-21 ]			
Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Colon		Parasite Metazoan	
Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[ Eosinophilic Focus TGLS = 3-22 ]			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ON SLIDES 7 AND 7-1			
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 662

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56174

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 663

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 700

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55772

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-10 ]			
Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
		Necrosis	Mild
[ Leukemia Mononuclear TGLS = 11-1 ]			
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[ Hepatocellular Adenoma TGLS = 7-21 ]			
[ Hyperplasia TGLS = 6-6 ]			
[ Leukemia Mononuclear TGLS = 6-6 ]			
[ Pigmentation TGLS = 8-22 ]			
Lung	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
[ Hyperplasia TGLS = 12-25 ]			
[ Leukemia Mononuclear TGLS = 12-25 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 663

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 700

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55772

**ORGAN AND ACCOUNTABLE SITE STATUS**

Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[ Leukemia Mononuclear TGLS = 9-23, 4-24, 2-8 ]			
[ Leukemia Mononuclear TGLS = 9-23, 4-24, 2-8 ]			
[ Pigmentation TGLS = 4-24 ]			
[ Pigmentation TGLS = 4-24 ]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-23, 4-24, 2-8 ]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-23, 4-24, 2-8 ]			
Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
[ Adenoma TGLS = 10-1 ]			
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma; Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 664

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 667

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55391

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Cyst	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-10 ]			
Adrenal Medulla		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-10 ]			
Bone Marrow		Leukemia Mononuclear	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6 ]			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
[ Leukemia Mononuclear TGLS = 10-24, 5-23 ]			
[ Leukemia Mononuclear TGLS = 10-24, 5-23 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 664

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 667  
**HISTO:** 90-55391

**ORGAN AND ACCOUNTABLE SITE STATUS**

Lymph Node, Mandibular [ Leukemia Mononuclear TGLS = 10-24, 5-23 ]		Leukemia Mononuclear	
Mesentery [ Necrosis TGLS = 4-21 ]	Fat	Necrosis	Moderate
Nose		Foreign Body	Mild
Pancreas [ Adenoma TGLS = 5-23 ]	Acinar Cell	Adenoma Atrophy	Mild
Pharynx [ Squamous Cell Papilloma TGLS = 11-25 ]		Squamous Cell Papilloma	
Prostate		Corpora Amylacea	Mild
Spleen [ Fibrosis TGLS = 7-22 ] [ Leukemia Mononuclear TGLS = 6-6 ]		Fibrosis Leukemia Mononuclear	Moderate
Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Pancreas Acinar Cell Adenoma;Pharynx Squamous Cell Papilloma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 665

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Exudate	
		Foreign Body	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 666

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Focal, Minimal
Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Colon		Parasite Metazoan	
Intestine Large, Rectum		Parasite Metazoan	
Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 3-6 ]			
[ Clear Cell Focus TGLS = 3-6 ]			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Minimal
[ Ectasia TGLS = 1-8-1 ]			
[ Inflammation TGLS = 1-8-1 ]			
Prostate	Epithelium	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 667

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
[ Cataract TGLS = 1-21 ]			
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 3-6 ]			
[ Mixed Cell Focus TGLS = 3-6 ]			
Pituitary Gland	Pars Distalis	Cyst	
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 668

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56178

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 4-22 ]			
[ Mixed Cell Focus TGLS = 4-22 ]			
Lymph Node, Mandibular		Ectasia	Mild
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-21 ]			
Nose		Exudate	
		Fungus	
Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
Note: ACINAR CELL HYPERPLASIA IS ON SLIDE 4			
Preputial Gland		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-8-1 ]			
Prostate		Corpora Amylacea	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 668	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Interval Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 91-56178
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA IS ON SLIDE 8			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 669

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Cortex		Hyperplasia	Focal, Minimal
Adrenal Medulla		Hyperplasia	Mild
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
		Schwannoma Malignant	
Note: THE SCHWANNOMA MAL IS IN AN EARLY STAGE			
[ Schwannoma Malignant TGLS = 7-22 ]			
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Leukemia Mononuclear TGLS = 6-6 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-21 ]			
Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate	Epithelium	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 669	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56179

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 5-6 ]		
Testes	Bilateral, Interstit Cell	Adenoma
[ Adenoma TGLS = 2-7,3-7 ]		
Thyroid Gland	Follicle	Cyst

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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 670

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56180

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Brain		Compression	
		Hydrocephalus	Mild
[ Compression TGLS = 6-1-1 ]			
Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Colon		Parasite Metazoan	
Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
[ Eosinophilic Focus TGLS = 4-21,7-22 ]			
Lymph Node, Mandibular		Pigmentation	Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8 ]			
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-1 ]			
Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Moderate
[ Ectasia TGLS = 2-8-1 ]			
[ Inflammation TGLS = 2-8-1 ]			
Prostate		Corpora Amylacea	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 670

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Interval Sacrifice

**DAY ON TEST:** 730  
**HISTO:** 91-56180

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen		Inflammation	Suppurative, Moderate
Testes	Bilateral, Interstit Cell	Pigmentation	Hemosiderin, Moderate
[ Adenoma TGLS = 3-7 ]		Adenoma	
Thyroid Gland	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 671

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 520

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-54535

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Bone Marrow		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Centrilobular	Atrophy	Mild
	Kupffer Cell	Leukemia Mononuclear	
		Pigmentation	Marked
	[ Leukemia Mononuclear TGLS = 6-6 ]		
	[ Pigmentation TGLS = 7-22 ]		
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Infiltration Cellular	Mast Cell, Minimal
	Mediastinal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 9-23 ]		
Mammary Gland		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 10-24 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 3-21 ]		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 671	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 520
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund	<b>HISTO:</b> 90-54535

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 4-6 ]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 2-7 ]			
Thymus		Hemorrhage	Mild
[ Hemorrhage TGLS = 8-3 ]			
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 672

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56181

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Developmental Malformation	
		Eosinophilic Focus	
		Mixed Cell Focus	
[ Developmental Malformation TGLS = 4-22 ]			
[ Mixed Cell Focus TGLS = 3-6 ]			
Lymph Node, Mandibular		Pigmentation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Minimal
Skin		Basal Cell Adenoma	
[ Basal Cell Adenoma TGLS = 1-21 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 672	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56181

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 673

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 437

**DOSE:** 0 MG/KG

**DISP:** Dead

**HISTO:** 90-52194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Liver	Lobules	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lung		Congestion	Mild
		Edema	Mild
Lymph Node, Mesenteric		Hemorrhage	Minimal
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 674

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Blood Vessel	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	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Epididymis		Atypia Cellular Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus Hepatodiaphragmatic Nodule Hyperplasia	Minimal
	Bile Duct		
Note: CLEAR CL FOCUS IS ON SLIDE 22 [ Hepatodiaphragmatic Nodule TGLS = 5-22 ]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-8 ]			
Nose		Exudate Hyperplasia	Mild
Pituitary Gland	Mucosa Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate	Epithelium	Hyperplasia Inflammation	Minimal Suppurative, Mild
Skin		Hyperkeratosis	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 674	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Interval Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 91-56182
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperkeratosis TGLS = 1-21 ]			
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 675

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56183

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[ Eosinophilic Focus TGLS = 6-21 ]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Mild
[ Hemorrhage TGLS = 1-8 ]			
Nose		Exudate	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[ Angiectasis TGLS = 5-1 ]			
Preputial Gland		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 2-8-1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 675

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56183

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 676

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 639

**DOSE:** 0 MG/KG

**DISP:** Gavage Death

**HISTO:** 90-55207

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Medulla	Bone	Bone Marrow	Brain
Intestine Large, Cecum	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	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

**MISSING**

Parathyroid Gland	Thyroid Gland
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**OBSERVATIONS**

Adrenal Cortex		Hemorrhage	Mild
Blood Vessel		Hypertrophy	Mild
		Inflammation	Chronic Active, Moderate
[ Hypertrophy TGLS = 3-21 ]			
[ Inflammation TGLS = 3-21 ]			
Epididymis		Atypia Cellular	
		Hypospermia	
Esophagus		Inflammation	Suppurative, Moderate
Note: INFLAMMATION ALSO PRESENT ON SLIDE 3			
[ Inflammation TGLS = 4-22 ]			
Heart		Cardiomyopathy	Minimal
Kidney		Fibrosis	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Nose		Exudate	
		Foreign Body	Mild
Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Moderate
[ Ectasia TGLS = 1-8-1 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 676

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 639

**DOSE:** 0 MG/KG

**DISP:** Gavage Death

**HISTO:** 90-55207

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Inflammation TGLS = 1-8-1 ]

[ Inflammation TGLS = 1-8-1 ]

Prostate

Corpora Amylacea

Moderate

Skeletal Muscle

Inflammation

Suppurative, Moderate

[ Inflammation TGLS = 5-23 ]

Spleen

Pigmentation

Hemosiderin, Mild

Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 677	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56184

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
		Adenoma	
Intestine Small, Jejunum			
[ Adenoma TGLS = 4-22 ]			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Cystic, Minimal
Mammary Gland			
[ Hyperplasia TGLS = 1-8 ]			
Pancreas		Atrophy	Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic, Moderate
[ Adenoma TGLS = 2-21 ]			
Stomach, Forestomach		Developmental Malformation	
Note: DEVELOP MALFOR APPEARS AS WELL-DIFFERENTIATED INTESTINAL MUCOSAL EPITHELIUM IN THE LAMINA PROPRIA OF THE FORESTOMACH.			
[ Developmental Malformation TGLS = 6-4-1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 678

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Preputial Gland		Inflammation	Chronic, Moderate
Skin		Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 1-21 ]			
Stomach, Forestomach		Inflammation	Chronic, Marked
[ Inflammation TGLS = 3-4-1 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Cyst	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 679

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56186

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
[ Eosinophilic Focus TGSL = 2-21 ]			
Lymph Node, Mandibular		Pigmentation	Mild
Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Mild
[ Angiectasis TGSL = 3-1 ]			
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGSL = 1-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 680

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56187

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Cortex		Adenoma	
[ Adenoma TGLS = 3-10 ]			
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-22 ]			
Lymph Node, Mandibular		Hemorrhage	Mild
Lymph Node, Mesenteric		Hemorrhage	Mild
Pancreas	Acinar Cell	Hyperplasia	Focal, Mild
Note: ACINAR CELL HYPERPLASIA IS ON SLIDE 4			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Marked
Prostate		Corpora Amylacea	Moderate
	Epithelium	Hyperplasia	Minimal
Skin		Trichoepithelioma	
[ Trichoepithelioma TGLS = 1-21 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 680

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56187

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 681

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56188

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Mild
Brain		Compression	
[ Compression TGLS = 9-1-1 ]			
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 11-2-1 ]		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[ Fibroadenoma TGLS = 2-21 ]			
[ Hyperplasia TGLS = 3-8 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-22 ]			
Nose		Exudate	
		Fungus	
Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 681	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56188

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 10-1 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
[ Inflammation TGLS = 7-7-2 ]			
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7,6-7 ]			
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 682

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Minimal
Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Pigmentation	Mild
Lymph Node, Mesenteric		Pigmentation	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Exudate	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 683

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 682

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55612

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Medulla	Blood Vessel	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
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Bone Marrow		Hypercellularity	Moderate
Epididymis		Hypospermia	
Kidney	Renal Tubule	Pigmentation	Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mediastinal	Pigmentation	Marked
[ Pigmentation TGLS = 9-3-1 ]			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL ALSO PRESENT ON SLIDES 4, 6, 7-1, 8 AND 10			
[ Mesothelioma Malignant TGLS = 4-21,2-7-1,5-22,8-23,7-7 ]			
Pancreas		Atrophy	Minimal
Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Mild
[ Ectasia TGLS = 1-8-1 ]			
[ Inflammation TGLS = 1-8-1 ]			
Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 683

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 682

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55612

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Mesentery Mesothelioma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 684

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56190

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Minimal
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Inflammation	Subacute, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Foreign Body	Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: FOREIGN BODY IS SUGGESTIVE OF OIL GLOBULES			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Preputial Gland		Inflammation	Chronic, Moderate
Prostate	Epithelium	Hyperplasia	Mild
Spleen		Fibrosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 685

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 680

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55501

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	Bone	Brain	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Adrenal Medulla		Hyperplasia	Minimal
Bone Marrow		Leukemia Mononuclear	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Centrilobular	Atrophy	Mild
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[ Eosinophilic Focus TGLS = 6-22 ]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-8, 4-23 ]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-8, 4-23 ]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-8, 4-23 ]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[ Leukemia Mononuclear TGLS = 3-21 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 685	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 680 <b>HISTO:</b> 90-55501
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Necrosis TGLS = 3-21 ]			
Pancreas	Acinar Cell	Cytoplasmic Alteration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Prostate		Inflammation	Suppurative, Mild
Note: MILD LYMPHOID HYPERPLASIA IN PROSTATE; NOT CODED			
Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
Stomach, Glandular		Edema	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Liver	Basophilic Focus

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 686

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56191

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Pheochromocytoma Benign Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 5-10 ]			
Brain		Compression	
[ Compression TGLS = 7-1-1 ]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Pigmentation	Moderate
[ Pigmentation TGLS = 6-5 ]			
Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8,2-21, 1-8,2-21 ]			
Pancreas		Necrosis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 8-1 ]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
[ Ectasia TGLS = 3-8-1 ]			
[ Inflammation TGLS = 3-8-1 ]			
[ Inflammation TGLS = 3-8-1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 686	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56191

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Prostate		Corpora Amylacea Inflammation	Mild Suppurative, Moderate
[ Inflammation TGLS = 4-7-2 ]			
Testes	Interstit Cell	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 687

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

Intestine Small, Duodenum

**OBSERVATIONS**

Epididymis		Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Clear Cell Focus	
		Hyperplasia	Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 5-22 ]			
[ Mixed Cell Focus TGLS = 5-22 ]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
[ Hyperplasia TGLS = 4-5 ]			
Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-21 ]			
Pancreas	Acinar Cell	Adenoma	
		Atrophy	Mild
Preputial Gland		Ectasia	Moderate
Prostate		Corpora Amylacea	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 687	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Interval Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 91-56192
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen	Epithelium	Hyperplasia Inflammation Fibrosis Pigmentation	Minimal Suppurative, Minimal Moderate Hemosiderin, Mild
[ Fibrosis TGLS = 3-23 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Adenoma	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 688

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56193

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Minimal
Epididymis		Atypia Cellular	
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-6 ]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Skin		Trichoepithelioma	
[ Trichoepithelioma TGLS = 1-21 ]			
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 688

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56193

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 689      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 731  
**DOSE:** 0 MG/KG      **DISP:** Interval Sacrifice      **HISTO:** 91-56194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Blood Vessel	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	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Clear Cell Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Minimal
[ Hyperplasia TGLS = 4-2-1 ]			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Intermed	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,3-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 689

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56194

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 690

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 690

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55773

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Bone Marrow		Hypercellularity	Mild
Epididymis		Atypia Cellular	
Heart		Cardiomyopathy	Moderate
Kidney	Renal Tubule	Carcinoma	
[ Carcinoma TGLS = 3-22 ]			
Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-21 ]			
Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Zymbal's Gland		Carcinoma	
Note: CARCINOMA IS HIGHLY ANAPLASTIC			
[ Carcinoma TGLS = 4-23 ]			

**PRIMARY CAUSE OF DEATH**

- Zymbal's Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 690

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 690

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55773

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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CONTRIBUTORY CAUSE OF DEATH

- Kidney Renal Tubule Carcinoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 691

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[ Basophilic Focus TGLS = 4-6,5-22 ]			
[ Hyperplasia TGLS = 5-22 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-21 ]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Moderate
[ Ectasia TGLS = 1-8-1 ]			
[ Inflammation TGLS = 1-8-1 ]			
[ Inflammation TGLS = 1-8-1 ]			
Prostate		Corpora Amylacea	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 692

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56196

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 2-21 ]			
Epididymis		Atypia Cellular	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
[ Mixed Cell Focus TGLS = 4-22 ]			
Lung		Foreign Body	Minimal
Pancreas		Atrophy	Marked
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Mineralization	Minimal
[ Adenoma TGLS = 3-3 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 693

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56197

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Mineralization	Focal, Minimal
Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 6-24 ]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-22,4-23 ]			
Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-21 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 693

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56197

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 694

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56198

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

Esophagus

**OBSERVATIONS**

Adrenal Medulla		Pheochromocytoma Benign	
Brain		Compression	
[ Compression TGLS = 6-1-1 ]			
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lymph Node, Mandibular		Pigmentation	Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8 ]			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-1 ]			
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
[ Adenoma TGLS = 3-7 ]			
[ Atrophy TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 694

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56198

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 695

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 722

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 91-56199

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	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	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
		Necrosis	Minimal
		[ Leukemia Mononuclear TGLS = 9-1 ]	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		[ Basophilic Focus TGLS = 4-6 ]	
		[ Leukemia Mononuclear TGLS = 3-6 ]	
Lung		Foreign Body	Minimal
		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
		[ Necrosis TGLS = 7-21 ]	
Pancreas	Acinar Cell	Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Hyperplasia	Moderate
Prostate		Corpora Amylacea	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 695	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 722
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund	<b>HISTO:</b> 91-56199

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen		Hematopoietic Cell Proliferation Leukemia Mononuclear	Minimal
[ Leukemia Mononuclear TGLS = 1-6,2-6 ]			
Stomach, Forestomach		Mineralization	Mild
[ Mineralization TGLS = 10-22 ]			
Stomach, Glandular		Mineralization	Mild
[ Mineralization TGLS = 10-22 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 6-7 ]			
Thymus		Leukemia Mononuclear	

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**PRIMARY CAUSE OF DEATH** - Liver Leukemia Mononuclear

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**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 696

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 698

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55774

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
	[ Hemorrhage TGLS = 3-1 ]		
	[ Leukemia Mononuclear TGLS = 3-1 ]		
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
Nose		Exudate	
	Mucosa	Metaplasia	Squamous, Marked
	[ Exudate TGLS = 4-9-1 ]		
	[ Metaplasia TGLS = 4-9-1 ]		
Pancreas		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-6 ]		
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 696	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 698
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund	<b>HISTO:</b> 90-55774

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	
CONTRIBUTORY CAUSE OF DEATH	- Nose	Exudate;Nose Mucosa Metaplasia	

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 697

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56200

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Mixed Cell Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Pancreas		Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Marked
Prostate		Corpora Amylacea	Moderate
Skin		Acanthosis	Moderate
		Inflammation	Chronic, Marked
		[ Acanthosis TGLS = 1-21 ]	
		[ Inflammation TGLS = 1-21 ]	
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach, Forestomach		Squamous Cell Papilloma	
		[ Squamous Cell Papilloma TGLS = 3-4-1 ]	
Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 2-7 ]	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 698

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55775

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-10 ]			
Adrenal Medulla		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-10 ]			
Bone Marrow		Leukemia Mononuclear	
Epididymis		Hypospermia	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Renal Tubule	Necrosis	Mild
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 9-2 ]			
[ Leukemia Mononuclear TGLS = 9-2 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-21, 10-22, 1-8, 8-5 ]			
[ Leukemia Mononuclear TGLS = 5-21, 10-22, 1-8, 8-5 ]			
Lymph Node, Mandibular		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 698	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 703
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund	<b>HISTO:</b> 90-55775

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 5-21, 10-22, 1-8, 8-5 ]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-21, 1-8, 8-5, 10-22 ]			
Pancreas		Atrophy	Moderate
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thymus		Leukemia Mononuclear	

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**PRIMARY CAUSE OF DEATH**      - Liver    Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 699

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 631

**DOSE:** 0 MG/KG

**DISP:** Moribund

**HISTO:** 90-55208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-10 ]			
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-1 ]			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[ Leukemia Mononuclear TGLS = 8-5 ]			
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6 ]			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-3-1, 5-7-3, 10-5 ]			
[ Leukemia Mononuclear TGLS = 11-3-1, 5-7-3, 10-5 ]			
Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-3-1, 5-7-3, 10-5 ]			
Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-3-1, 5-7-3, 10-5 ]			
Mesentery	Fat	Necrosis	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 699      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 631  
**DOSE:** 0 MG/KG      **DISP:** Moribund      **HISTO:** 90-55208

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Necrosis TGLS = 4-22 ]			
Nose		Exudate	
Pancreas		Atrophy	Minimal
Preputial Gland		Ectasia	Moderate
[ Ectasia TGLS = 1-8-1 ]			
Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Minimal
Skeletal Muscle		Hemorrhage	Moderate
		Necrosis	Marked
[ Hemorrhage TGLS = 2-21 ]			
[ Necrosis TGLS = 2-21 ]			
Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-23,13-6 ]			
Stomach, Forestomach		Mineralization	Moderate
[ Mineralization TGLS = 14-24 ]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear  
CONTRIBUTORY CAUSE OF DEATH - Skeletal Muscle Hemorrhage;Skeletal Muscle Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 700

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56201

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Thymus

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node, Mandibular		Hemorrhage	Mild
[ Hemorrhage TGLS = 1-8 ]			
Nose		Exudate	
		Foreign Body	Minimal
	Mucosa	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 700

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2-7 ]

Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 701

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Interval Sacrifice

**HISTO:** 91-56202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Mild
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-21 ]			
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 702

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 809

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58868

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Blood Vessel	* 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
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Bone	Femur	Osteopetrosis	Moderate
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Epididymis		Atypia Cellular	
		Hypospermia	
Eye		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-21 ]			
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[ Eosinophilic Focus TGLS = 5-22 ]			
[ Hepatodiaphragmatic Nodule TGLS = 6-23 ]			
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 702	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 809 <b>HISTO:</b> 91-58868
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**ORGAN AND ACCOUNTABLE SITE STATUS**

* Pituitary Gland [ Adenoma TGLS = 7-1 ]	Pars Distalis	Leukemia Mononuclear Adenoma Leukemia Mononuclear	
* Prostate	Epithelium	Hyperplasia Inflammation	Mild Suppurative, Minimal
* Spleen [ Fibrosis TGLS = 8-24 ] [ Hemorrhage TGLS = 8-24 ] [ Leukemia Mononuclear TGLS = 3-6 ]		Fibrosis Hematopoietic Cell Proliferation Hemorrhage Leukemia Mononuclear	Moderate Minimal Moderate
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear  
CONTRIBUTORY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 703

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 704

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-55776

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Compression Hydrocephalus	Moderate
[ Compression TGLS = 6-1,6-1-1 ]			
* Epididymis		Atypia Cellular Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-8 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-21 ]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-1 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 704

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 816

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 91-58869

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Epididymis		Atypia Cellular	
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Carcinoma	
[ Carcinoma TGLS = 4-22 ]			
* Liver		Basophilic Focus	
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Moderate
[ Hepatocellular Adenoma TGLS = 5-23 ]			
* Lung		Congestion	Moderate
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
[ Congestion TGLS = 8-2 ]			
[ Hemorrhage TGLS = 8-2 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[ Fibroadenoma TGLS = 2-21 ]			
[ Hyperplasia TGLS = 1-8 ]			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ON SLIDE 7-1			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 704

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:** 816  
**HISTO:** 91-58869

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Pituitary Gland [ Adenoma TGLS = 9-1 ]	Pars Distalis	Adenoma	
* Prostate	Epithelium	Hyperplasia Inflammation	Minimal Suppurative, Minimal
* Skin [ Fibrosarcoma TGLS = 6-24 ]	Subcut Tiss	Fibrosarcoma	
* Spleen		Pigmentation	Hemosiderin, Moderate
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Islets;Pancreatic Carcinoma;Liver Hepatocellular Adenoma;Mammary Gland Fibroadenoma;Mesentery Mesothelioma Malignant;Pituitary Gland Pars Distalis Adenoma		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 705	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 38
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 89-49702

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Blood Vessel

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**OBSERVATIONS**

* Brain		Hemorrhage	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Hemorrhage	Mild
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Preputial Gland		Inflammation	Chronic, Mild

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PRIMARY CAUSE OF DEATH	- Brain Hemorrhage
CONTRIBUTORY CAUSE OF DEATH	- Lung Hemorrhage

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 706

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 809

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58870

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Marked
* Epididymis		Hypospermia	
* Kidney		Leukemia Mononuclear	
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
		[ Leukemia Mononuclear TGLS = 4-21 ]	
		[ Necrosis TGLS = 4-21 ]	
* Nose		Exudate	
		Foreign Body	Mild
		Fungus	Moderate
* Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 706

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 809

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58870

**ORGAN AND ACCOUNTABLE SITE STATUS**

Pharynx [ Squamous Cell Papilloma TGLS = 6-9-2 ]		Squamous Cell Papilloma	
* Preputial Gland  [ Ectasia TGLS = 1-8 ] [ Inflammation TGLS = 1-8 ]		Ectasia Inflammation	Moderate Suppurative, Moderate
* Prostate		Corpora Amylacea	Moderate
* Spleen		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 2-7,3-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear  
CONTRIBUTORY CAUSE OF DEATH - Pharynx Squamous Cell Papilloma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 707

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 847

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58871

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-10 ]			
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3-1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Exudate	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Intermed	Cyst	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 707	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 847
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58871

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Corpora Amylacea	Mild
* Skin		Acanthosis	Mild
	[ Acanthosis TGLS = 6-21 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-6 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 708

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-55947

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
[ Compression TGLS = 8-1 ]			
* Epididymis		Hypospermia	
Eye	Retina	Atrophy	Moderate
		Cataract	Moderate
[ Cataract TGLS = 1-21 ]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 3-8,2-22 ]			
Mesentery		Accessory Spleen	
[ Accessory Spleen TGLS = 6-23 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 708

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-55947

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 9-1 ]			
* Preputial Gland		Ectasia	Moderate
[ Ectasia TGLS = 4-8-1 ]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			
* Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 709

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58872

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-10 ]			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Marked
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Subacute, Mild
[ Hyperplasia TGLS = 6-2-1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Lobular, Marked
Note: LOBULAR HYPERPLASIA ALSO PRESENT ON SLIDE 8			
[ Hyperplasia TGLS = 7-24 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 709

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 910  
**HISTO:** 91-58872

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Skin [ Fibroma TGLS = 1-21,2-22 ]	Subcut Tiss	Fibroma	
* Spleen [ Fibrosis TGLS = 4-23 ]		Fibrosis Leukemia Mononuclear Pigmentation	Moderate Hemosiderin, Moderate
* Testes * Urin Bladder Note: MINIMAL CHRONIC INFLAMMATION IN URINARY BLADDER; NOT CODED	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 710

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 327

**DOSE:** 0 MG/KG

**DISP:** Dosing Accident

**HISTO:** 90-51527

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Lung	Congestion	Moderate
	Edema	Moderate
	Foreign Body	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 711

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 716

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-55887

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Necrosis	Mild
* Adrenal Medulla		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-10 ]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
* Heart		Thrombosis	
[ Thrombosis TGLS = 8-5-1 ]			
* Intestine Large, Cecum		Ulcer	Mild
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]		Vacuolization Cytoplasmic	Moderate
[ Vacuolization Cytoplasmic TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[ Leukemia Mononuclear TGLS = 5-7, 9-3-1 ]			
[ Leukemia Mononuclear TGLS = 5-7, 9-3-1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-7, 9-3-1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 711

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 716  
**HISTO:** 90-55887

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 5-7, 9-3-1 ]		Leukemia Mononuclear	
* Mammary Gland  [ Hyperplasia TGLS = 2-8 ] [ Leukemia Mononuclear TGLS = 2-8 ]		Hyperplasia Leukemia Mononuclear	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Spleen  [ Fibrosis TGLS = 10-22 ] [ Leukemia Mononuclear TGLS = 3-21 ]		Fibrosis Leukemia Mononuclear	Moderate
* Stomach, Glandular Note: EROSION IS ALSO ON SLIDE 4 [ Erosion TGLS = 11-23 ]		Erosion	Moderate
* Testes [ Adenoma TGLS = 4-7 ]	Bilateral, Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH** - Liver Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 712

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58873

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Angiectasis	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
Note: MAMMARY GL CYSTIC HYPERPLASIA IS ON SLIDE 8-1			
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
	[ Ectasia TGLS = 2-8 ]		
* Prostate		Corpora Amylacea	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 3-7 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 713	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 594
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 90-54754

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Brain		Compression	
[ Compression TGLS = 5-1 ]			
* Heart		Cardiomyopathy	Mild
* Lung		Congestion	Mild
[ Congestion TGLS = 4-2 ]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8,2-8 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Hemosiderin, Moderate
* Thyroid Gland	C Cell	Adenoma	

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**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 714

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 875

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58874

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[ Hepatocellular Adenoma TGLS = 6-21 ]		
	[ Leukemia Mononuclear TGLS = 5-6 ]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Moderate
	[ Hyperkeratosis TGLS = 8-22 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-6 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 714	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 875
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58874

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes [ Adenoma TGLS = 1-7 ]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Bilateral Pheochromocytoma Benign;Liver Hepatocellular Adenoma	

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 715

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 445

**DOSE:** 0 MG/KG

**DISP:** Dosing Accident

**HISTO:** 90-52615

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Foreign Body	Minimal
		Hemorrhage	Minimal
Note: ALVEOLAR SPACES			
Note: FOREIGN BODY IS PALE YELLOW HOMOGENEOUS MATERIAL WITHIN			
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7,5-21 ]		
* Trachea		Erosion	Moderate
	[ Erosion TGLS = 4-3 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 716

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 770

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 91-58875

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hypertrophy Leukemia Mononuclear	Mild Focal, Minimal
[ Leukemia Mononuclear TGLS = 7-10 ]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	Lobules	Leukemia Mononuclear Necrosis	Mild
[ Leukemia Mononuclear TGLS = 8-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3-1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8 ]			
* Mammary Gland		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-8 ]			
* Pancreas		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 716	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 770 <b>HISTO:</b> 91-58875
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Acinar Cell	Hyperplasia Leukemia Mononuclear	Moderate
[ Hyperplasia TGLS = 6-7 ]		
* Pituitary Gland	Leukemia Mononuclear	
* Preputial Gland	Ectasia Inflammation	Mild Suppurative, Mild
[ Ectasia TGLS = 3-8-1 ]		
[ Inflammation TGLS = 3-8-1 ]		
* Prostate	Corpora Amylacea	Mild
* Spleen	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]		
* Testes	Bilateral, Interstit Cell Adenoma	
[ Adenoma TGLS = 4-7 ]		

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**PRIMARY CAUSE OF DEATH** - Liver Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 717

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58876

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Brain		Compression	Moderate
[ Compression TGLS = 9-1-1 ]			
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Moderate
		Basophilic Focus	
[ Basophilic Focus TGLS = 6-23 ]	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
[ Pigmentation TGLS = 7-5 ]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8 ]			
* Pancreas	Acinar Cell	Adenoma	
[ Adenoma TGLS = 4-22 ]		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 8-1 ]			
* Prostate		Corpora Amylacea	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 717

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 910  
**HISTO:** 91-58876

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Skin [ Keratoacanthoma TGLS = 2-21 ]	Epithelium	Hyperplasia Inflammation Keratoacanthoma	Minimal Suppurative, Mild
* Spleen * Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Pigmentation Adenoma	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 718

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 556

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-54755

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
Ear	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-1 ]			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Lobules	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]		Necrosis	Minimal
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-2 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-7-3, 6-3-1 ]			
[ Leukemia Mononuclear TGLS = 4-7-3, 6-3-1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-7-3, 6-3-1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-7-3, 6-3-1 ]			
Mesentery		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-22 ]			
* Pancreas		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 718	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 556 <b>HISTO:</b> 90-54755
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
Skeletal Muscle		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-21 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 719

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58877

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia Pheochromocytoma Malignant	Minimal
[ Pheochromocytoma Malignant TGLS = 3-21 ]			
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy Thrombosis	Mild Moderate
[ Thrombosis TGLS = 5-5-1 ]			
* Kidney	Renal Tubule	Cytoplasmic Alteration Nephropathy	Moderate Minimal
* Liver		Basophilic Focus Eosinophilic Focus Fibrous Histiocytoma	
	Bile Duct	Hyperplasia Leukemia Mononuclear	Metastatic (Skin) Minimal
[ Eosinophilic Focus TGLS = 4-22 ]			
* Lung		Fibrous Histiocytoma Infiltration Cellular	Metastatic (Skin) Histiocyte, Minimal
[ Infiltration Cellular TGLS = 6-2,6-2-1 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Lobular, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 719	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 910 <b>HISTO:</b> 91-58877
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
Note: FIB HISTIOCYT ALSO PRESENT IN SKIN ON SLIDE 8 [ Fibrous Histiocytoma TGLS = 7-23 ]			
* Spleen		Hemorrhage	Moderate
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 720	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 826
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58878

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone		Osteosarcoma	
[ Osteosarcoma TGLS = 5-22 ]			
* Epididymis		Hypospermia	
* Islets, Pancreatic		Adenoma	
		Carcinoma	
* Kidney		Hydronephrosis	Moderate
	Renal Tubule	Necrosis	Moderate
[ Hydronephrosis TGLS = 2-5 ]		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
[ Osteosarcoma TGLS = 9-26,10-27 ]		Osteosarcoma	Metastatic (Bone)
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Osteosarcoma	Metastatic (Bone)
	Mediastinal	Pigmentation	Moderate
[ Hemorrhage TGLS = 11-3-1 ]			
[ Osteosarcoma TGLS = 11-3-1 ]			
[ Pigmentation TGLS = 11-3-1 ]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[ Hemorrhage TGLS = 3-5 ]			
Mesentery		Osteosarcoma	Metastatic (Bone)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 720	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 826 <b>HISTO:</b> 91-58878
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Osteosarcoma TGLS = 6-23,7-24 ]			
* Pancreas		Osteosarcoma	Metastatic (Bone)
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate		Corpora Amylacea	Mild
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)
[ Osteosarcoma TGLS = 8-25,12-28 ]			
* Spleen		Osteosarcoma	Metastatic (Bone)
[ Osteosarcoma TGLS = 4-21 ]			
* Stomach, Glandular		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

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PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Islets;Pancreatic Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 721

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 840

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58879

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-10 ]			
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 12-5 ]			
* Liver		Concretion	Marked
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
	Lobules	Necrosis	Minimal
[ Concretion TGLS = 14-6-1 ]			
[ Hyperplasia TGLS = 13-23,15-24 ]			
[ Inflammation TGLS = 15-24 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Ectasia	Marked
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Ectasia TGLS = 9-7 ]			
[ Leukemia Mononuclear TGLS = 9-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 721

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 840

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58879

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 16-3-1 ]

\* Lymph Node, Mandibular

Leukemia Mononuclear

\* Mammary Gland

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLS = 3-8 ]

\* Pancreas

Atrophy

Moderate

\* Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Moderate

Pars Distalis

Leukemia Mononuclear

\* Preputial Gland

Ectasia

Mild

Inflammation

Suppurative, Mild

[ Inflammation TGLS = 4-8-1 ]

\* Prostate

Corpora Amylacea

Mild

Epithelium

Hyperplasia

Mild

\* Skin

Squamous Cell Papilloma

[ Squamous Cell Papilloma TGLS = 2-21 ]

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 10-6 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 5-7 ]

\* Thyroid Gland

C Cell

Carcinoma

[ Carcinoma TGLS = 17-3 ]

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Liver Concretion;Thyroid Gland C Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 722

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 758

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58880

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-10 ]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Necrosis	Minimal
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-4 ]			
* Intestine Small, Jejunum		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-23 ]			
* Kidney		Leukemia Mononuclear	
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[ Leukemia Mononuclear TGLS = 8-6,9-22 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-3-1 ]			
[ Leukemia Mononuclear TGLS = 4-7 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 722	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 758
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58880

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-8 ]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 14-1 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
* Spleen		Hemorrhage	Mild
[ Hemorrhage TGLS = 6-21 ]			
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 3-7 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 723

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58881

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	
		Hypospermia	
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
		Hemorrhage	Moderate
[ Hemorrhage TGLS = 1-21 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[ Hemorrhage TGLS = 6-3-1 ]			
[ Pigmentation TGLS = 6-3-1 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 723

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58881

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Cyst	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 724

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 816

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58882

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Schwannoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[ Eosinophilic Focus TGLS = 9-24 ]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Leukemia Mononuclear	
[ Hyperplasia TGLS = 8-2-1 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Lobular, Moderate
* Prostate	Epithelium	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
[ Inflammation TGLS = 4-7-2 ]			
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-21 ]			
* Spleen		Fibrosis	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 724

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 816

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58882

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Hematopoietic Cell Proliferation

Minimal

Leukemia Mononuclear

[ Fibrosis TGLS = 6-22 ]

[ Leukemia Mononuclear TGLS = 5-6 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 3-7 ]

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PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Heart Schwannoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:33  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 725

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 571

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-54756

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
	Kupffer Cell	Mixed Cell Focus	
		Pigmentation	Moderate
		[ Hepatodiaphragmatic Nodule TGLS = 6-22 ]	
		[ Pigmentation TGLS = 8-23 ]	
Lymph Node	Inguinal	Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Moderate
		[ Pigmentation TGLS = 7-5, 2-8 ]	
* Lymph Node, Mesenteric		Pigmentation	Moderate
		[ Pigmentation TGLS = 7-5, 2-8 ]	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Carcinoma	
		[ Carcinoma TGLS = 3-21 ]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
		[ Adenoma TGLS = 4-7 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 725

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 571  
**HISTO:** 90-54756

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

- Preputial Gland Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 726

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 752

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58883

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Atrophy	Moderate
[ Atrophy TGLS = 5-10 ]			
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 4-10 ]			
* Bone	Femur	Osteopetrosis	Marked
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]		Pigmentation	Marked
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-3-1 ]			
* Nose		Exudate	
* Pancreas		Atrophy	Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 3-21 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 726

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 752  
**HISTO:** 91-58883

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Bilateral Pheochromocytoma Benign

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 727

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 869

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58884

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hypercellularity	Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Moderate
[ Thrombosis TGLS = 10-5-1 ]			
* Islets, Pancreatic		Carcinoma	
[ Carcinoma TGLS = 7-7-3 ]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Mild
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 8-24 ]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[ Hemorrhage TGLS = 11-3-1 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[ Hemorrhage TGLS = 9-5 ]			
* Pituitary Gland	Pars Distalis	Cyst	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 727

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 869  
**HISTO:** 91-58884

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Preputial Gland [ Carcinoma TGLS = 1-21,1-21-1 ]		Carcinoma	
* Prostate	Epithelium	Corpora Amylacea Hyperplasia Inflammation	Moderate Mild Suppurative, Minimal
* Skin [ Fibroma TGLS = 12-25 ] [ Fibrosarcoma TGLS = 2-22 ]	Subcut Tiss Subcut Tiss	Fibroma Fibrosarcoma	
* Spleen [ Hematopoietic Cell Proliferation TGLS = 6-6 ]		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Fibrosis	Mild
* Testes [ Adenoma TGLS = 4-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Bilateral Pheochromocytoma Benign;Heart Thrombosis;Islets;Pancreatic Carcinoma;Skin Subcut Tiss Fibroma;Skin Subcut Tiss Fibrosarcoma		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 728

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 869

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58885

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1 ]		
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
Mesentery	Fat	Necrosis	Moderate
	Note: EXTENSIVE FIBROSIS ASSOC. WITH MESENTERIC NECROSIS; NOT CODED		
	[ Necrosis TGLS = 2-21 ]		
* Nose		Exudate	
* Preputial Gland		Ectasia	Mild
	[ Ectasia TGLS = 1-8-1 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 728	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 869
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58885

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Moderate
	[ Hyperkeratosis TGLS = 7-23 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 3-7 ]		

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PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 729

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58886

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 6-21 ]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
	Kupffer Cell	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6 ]		Pigmentation	Moderate
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-2 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Carcinoma	
		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 729

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58886

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Carcinoma TGLS = 1-8-1 ]

\* Prostate

Inflammation

Suppurative, Moderate

\* Spleen

Lymph Follic

Atrophy

Moderate

Fibrosis

Moderate

Pigmentation

Hemosiderin, Marked

[ Atrophy TGLS = 5-6 ]

\* Testes

Seminif Tub

Atrophy

Moderate

[ Atrophy TGLS = 3-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 730

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 659

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-55209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Blood Vessel		Hypertrophy	Marked
		Inflammation	Chronic Active, Marked
[ Hypertrophy TGLS = 3-7-4 ]			
[ Inflammation TGLS = 3-7-4 ]			
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[ Hemorrhage TGLS = 4-3-1 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 1-8 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
* Prostate		Corpora Amylacea	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 730

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 659

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-55209

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2-7 ]

Zymbal's Gland

Carcinoma

[ Carcinoma TGLS = 5-21 ]

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**PRIMARY CAUSE OF DEATH**

- Zymbal's Gland Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 731

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 868

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58887

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-10 ]			
* Adrenal Medulla		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-10 ]		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 17-2 ]			
Lymph Node	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 18-28 ]			
[ Leukemia Mononuclear TGLS = 14-26 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 731                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 868  
**DOSE:** 0 MG/KG                      **DISP:** Moribund Sacrifice                      **HISTO:** 91-58887

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 3-21 ]			
[ Leukemia Mononuclear TGLS = 10-7 ]			
[ Leukemia Mononuclear TGLS = 15-27 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-25 ]			
* Mammary Gland		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-8 ]			
* Nose		Exudate	
* Pancreas		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-7,9-24 ]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Corpora Amylacea	Moderate
	Epithelium	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 7-22 ]			
[ Leukemia Mononuclear TGLS = 6-6,8-23 ]			
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[ Adenoma TGLS = 5-7 ]			
* Thymus		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 16-3 ]			
* Urinary Bladder		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**                      - Liver    Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 732

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58888

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Cyst	
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 733

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 897

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58889

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Adenoma	
		Degeneration	Fatty, Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Ulcer	Marked
[ Ulcer TGLS = 12-26 ]			
* Islets, Pancreatic		Carcinoma	
[ Carcinoma TGLS = 7-7 ]			
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Necrosis	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
[ Necrosis TGLS = 9-24 ]			
* Liver	Centrilobular	Atrophy	Moderate
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 733      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 897  
**DOSE:** 0 MG/KG      **DISP:** Moribund Sacrifice      **HISTO:** 91-58889

**ORGAN AND ACCOUNTABLE SITE STATUS**

	Kupffer Cell	Pigmentation	Moderate
	[ Basophilic Focus TGLS = 11-25 ]		
	[ Eosinophilic Focus TGLS = 11-25 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 16-27 ]		
	[ Leukemia Mononuclear TGLS = 10-6 ]		
* Lung		Alveolar/Bronchiolar Adenoma Leukemia Mononuclear	
	[ Alveolar/Bronchiolar Adenoma TGLS = 14-2-1 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 13-3-1 ]		
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 15-1 ]		
* Preputial Gland		Adenoma Inflammation	Chronic, Mild
	[ Adenoma TGLS = 1-21 ]		
* Prostate		Corpora Amylacea	Mild
		Epithelium	Mild
* Skin		Hyperplasia Cyst Epithelial Inclusion	
	[ Cyst Epithelial Inclusion TGLS = 2-22 ]		
* Spleen		Fibrosis Leukemia Mononuclear	Moderate
	[ Fibrosis TGLS = 6-23 ]		
	[ Leukemia Mononuclear TGLS = 5-6 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 4-7 ]		

**PRIMARY CAUSE OF DEATH** - Liver Leukemia Mononuclear  
**CONTRIBUTORY CAUSE OF DEATH** - Intestine Large; Cecum Ulcer; Islets; Pancreatic Carcinoma; Pituitary Gland Pars Distalis Adenoma; Preputial Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 734

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 816

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58890

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-5 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-6 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 734

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 816

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58890

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 735

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 799

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58891

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 7-24 ]			
* Bone		Osteosarcoma	
[ Osteosarcoma TGLS = 2-22 ]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
Eye		Cataract	Marked
[ Cataract TGLS = 1-21 ]			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
[ Hepatodiaphragmatic Nodule TGLS = 10-25 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-3-1 ]			
* Pancreas	Acinar Cell	Hyperplasia	Focal, Mild
		Metaplasia	Hepatocyte, Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 735	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 799
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58891

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 6-23 ]			
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Benign;Liver Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 736

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 763

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58892

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
		Hypospermia	
* Intestine Small, Duodenum		Erosion	Mild
* Islets, Pancreatic		Carcinoma	
[ Carcinoma TGLS = 4-21 ]			
* Kidney		Mineralization	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Nose		Exudate	
		Fungus	Moderate
	Mucosa	Hyperplasia	Mild
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Hemorrhage	Moderate
[ Hemorrhage TGLS = 3-8 ]			

**PRIMARY CAUSE OF DEATH** - Islets, Pancreatic Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 737

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 883

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 91-58893

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Mild
Note: BASOPHILIC FOCUS IS ON SLIDE 22			
[ Hepatocellular Adenoma TGLS = 3-22 ]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin		Hyperkeratosis	Moderate
[ Hyperkeratosis TGLS = 4-23 ]			
* Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
[ Fibrosis TGLS = 2-21 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 738

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 794

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58894

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Moderate
* Bone		Chordoma	
[ Chordoma TGLS = 8-23 ]			
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Int Lg Rectum			
Note: RECTUM DILATED (TGL 4-4); MORPHOLOGY NOT AVAILABLE			
* Intestine Large, Cecum		Dilatation	Moderate
[ Dilatation TGLS = 2-4 ]			
* Intestine Large, Colon		Chordoma	Metastatic (Bone)
		Dilatation	Moderate
[ Dilatation TGLS = 3-4 ]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-21 ]			
* Pancreas		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 738

**TRT#:** 1  
**DOSE:** 0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 794  
**HISTO:** 91-58894

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Preputial Gland	Acinar Cell	Cytoplasmic Alteration	Moderate
* Prostate		Inflammation	Chronic, Mild
* Spleen		Corpora Amylacea	Mild
		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Marked
[ Fibrosis TGLS = 7-22 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			

**PRIMARY CAUSE OF DEATH** - Bone Chordoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 739

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 752

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58895

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-10 ]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-2 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[ Leukemia Mononuclear TGLS = 13-3-1 ]			
[ Leukemia Mononuclear TGLS = 6-7 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8 ]			
* Mammary Gland		Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 739	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 752
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58895

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-8 ] Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-21 ] * Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 14-1 ] * Prostate		Corpora Amylacea	Mild
* Skin		Acanthosis	Mild
		Hyperkeratosis	Mild
[ Acanthosis TGLS = 15-23 ] [ Hyperkeratosis TGLS = 15-23 ] * Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 9-22 ] [ Leukemia Mononuclear TGLS = 7-6,8-6 ] * Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			

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PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 740

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 690

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 90-55777

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Blood Vessel	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Adrenal Medulla

**OBSERVATIONS**

* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-1 ]			
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-23, 1-8 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-23, 1-8 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-23, 1-8 ]			
* Nose		Exudate	
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Moderate
* Skin	Subcut Tiss	Fibroma	
		Hemorrhage	Moderate

Note: TISSUE SUGGESTIVE OF SUBCUTANEOUS FAT INFILTRATED BY

Note: LEUKEMIA CELLS ALSO ON SLIDE 21

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**ANIMAL ID:** 740

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 690

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 90-55777

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibroma TGLS = 2-21 ]

[ Hemorrhage TGLS = 6-22 ]

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 4-6 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 3-7 ]

---

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

CONTRIBUTORY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 741

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58896

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-2,2-2-1 ]		
* Pancreas		Atrophy	Mild
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 3-21 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 742

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 623

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 90-54904

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Leukemia Mononuclear	
* Adrenal Medulla	Leukemia Mononuclear	
* Bone Marrow	Leukemia Mononuclear	
* Brain	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-1 ]		
* Epididymis	Atypia Cellular	
	Hypospermia	
* Heart	Leukemia Mononuclear	
* Kidney	Leukemia Mononuclear	
	Nephropathy	Minimal
* Liver	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]		
* Lung	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-2-1 ]		
* Lymph Node, Mandibular	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-5 ]		
* Lymph Node, Mesenteric	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-5 ]		
* Mammary Gland	Leukemia Mononuclear	
* Pancreas	Leukemia Mononuclear	
* Pituitary Gland	Leukemia Mononuclear	
* Preputial Gland	Ectasia	Moderate
	Inflammation	Suppurative, Mild
[ Ectasia TGLS = 1-8-1 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 742	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 623
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 90-54904

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Inflammation TGLS = 1-8-1 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Stomach, Glandular		Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thymus		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3 ]			

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PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 743	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 897
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58897

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Angiectasis	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hypercellularity	Moderate
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
		[ Basophilic Focus TGLS = 5-24 ]	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Lobular, Mild
Mesentery	Fat	Necrosis	Moderate
		[ Necrosis TGLS = 3-22 ]	
* Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
		[ Hyperplasia TGLS = 4-23 ]	
* Preputial Gland		Carcinoma	
		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 743	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 897
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58897

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Carcinoma TGLS = 1-21 ]			
* Prostate		Corpora Amylacea	Mild
* Skin		Basal Cell Carcinoma	
[ Basal Cell Carcinoma TGLS = 8-25 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 7-4-1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thyroid Gland	C Cell	Adenoma	
[ Adenoma TGLS = 6-3 ]			

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PRIMARY CAUSE OF DEATH	- Preputial Gland	Carcinoma							
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla	Pheochromocytoma Benign;	Liver	Leukemia Mononuclear;	Skin	Basal Cell Carcinoma;	Thyroid Gland	C Cell	Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 744

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 462

**DOSE:** 0 MG/KG

**DISP:** Dosing Accident

**HISTO:** 90-52859

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Foreign Body	Mild
		Inflammation	Subacute, Moderate
<p>Note: CYSTIC AREAS ARE PRESENT IN THE MEDIASTINAL FAT; CYSTS NOT            Note: INFLAMMATION ALSO PRESENT IN MEDIASTINUM ON SLIDE 3            Note: FOREIGN BODY RESEMBLES FOOD PARTICLES            Note: OBSERVED IN THYMUS            [ Inflammation TGLS = 6-2 ]</p>			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
			[ Hyperplasia TGLS = 2-3 ]
* Lymph Node, Mandibular		Pigmentation	Mild
			[ Pigmentation TGLS = 1-8 ]
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Exudate	
		Foreign Body	Mild
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 744

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 462

**DOSE:** 0 MG/KG

**DISP:** Dosing Accident

**HISTO:** 90-52859

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 745

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58898

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Edema	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[ Eosinophilic Focus TGLS = 7-25 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 3-23 ]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
		Keratoacanthoma	
[ Fibrosarcoma TGLS = 2-22 ]			
[ Keratoacanthoma TGLS = 1-21 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 745	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58898

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 4-7 ]			
* Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Cyst	Moderate
[ Cyst TGLS = 6-24 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 746

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 815

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58899

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-6 ]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-22 ]		
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-6 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 746

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 815

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58899

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7 ]

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 747

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 780

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 91-58900

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Brain		Compression	Moderate
[ Compression TGLS = 6-1-1 ]			
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 1-8 ]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-1 ]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Marked
[ Ectasia TGLS = 3-8-1 ]			
[ Inflammation TGLS = 3-8-1 ]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 747	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 780
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 91-58900

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes [ Adenoma TGLS = 4-7 ]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 748

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 91-58901

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hyperplasia	Focal, Marked
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	Moderate
[ Compression TGLS = 7-1-1 ]			
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 5-23 ]		Eosinophilic Focus	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Lobular, Moderate
[ Hyperplasia TGLS = 1-8 ]			
* Pancreas	Acinar Cell	Adenoma	
[ Adenoma TGLS = 4-22 ]		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
* Prostate		Corpora Amylacea	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 748	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 910 <b>HISTO:</b> 91-58901
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skin [ Fibroma TGLS = 2-21 ]	Epithelium Subcut Tiss	Hyperplasia Fibroma	Minimal
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	
Urethra [ Metaplasia TGLS = 7-2 ]		Metaplasia	Squamous, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 749

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 660

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 90-55210

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Compression	
[ Compression TGLS = 7-1 ]			
* Epididymis		Atypia Cellular	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 5-22 ]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Congestion	Moderate
* Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-21 ]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Mineralization	Moderate
[ Mineralization TGLS = 8-23 ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 749

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 660

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 90-55210

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Islets;Pancreatic Adenoma;Mesentery Fat Necrosis

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 750

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 900

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58902

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-22 ]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Moderate
	Pars Distalis	Cyst	
[ Cyst TGLS = 4-1 ]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-21 ]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 750

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 900

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 91-58902

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Preputial Gland Adenoma;Skin Subcut Tiss Fibroma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 751	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 456
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 90-52619

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

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**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Mesentery		Fibrosis	Mild
[ Fibrosis TGLS = 1-21 ]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Adenoma TGLS = 3-22 ]			
[ Atrophy TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 752

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52620

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

Animal Note: ACCESSORY SPLEEN ON SLIDE 7 ADJACENT TO PANCREAS; NOT CODED

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 753

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52621

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Inflammation	Subacute, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 754

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52622

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Corpora Amylacea	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

[ Adenoma TGLS = 2-7 ]

[ Atrophy TGLS = 1-21 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 755

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52623

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 756	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 456
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 90-52624

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Epididymis		Atypia Cellular	
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-21 ]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 757	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 456
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 90-52625

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

---

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Nose		Exudate	
		Fungus	
	Mucosa	Metaplasia	Squamous, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

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[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 758

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52626

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Note: SMALL CLEAR CELL FOCUS ALSO ON SLIDE 6			
[ Clear Cell Focus TGLS = 2-21 ]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 3-3 ]			
* Pancreas		Atrophy	Mild
		Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 759

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52627

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Congestion	Marked
		Eosinophilic Focus	
	Lobules	Necrosis	Marked
[ Congestion TGLS = 1-21 ]			
[ Necrosis TGLS = 1-21 ]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 760

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52628

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
* Kidney		Nephropathy	Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 3-3 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,4-7 ]			
Urethra	Bulboureth GI	Ectasia	Moderate
[ Ectasia TGLS = 2-21 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 761

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56203

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Minimal
Heart		Cardiomyopathy	Mild
Intestine Large, Colon		Parasite Metazoan	
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	[ Hepatodiaphragmatic Nodule TGLS = 4-21 ]		
Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
		Atrophy	Minimal
Pancreas		Adenoma	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed		

Note: CYSTIC STRUCTURES IN PARS DISTALIS ARE ENCROACHING ON

Note: PARS INTERMEDIA

[ Adenoma TGLS = 3-1 ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 761	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56203

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 762

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
Heart		Cardiomyopathy	Mild
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Pancreas		Atrophy	Moderate
	Acinar Cell	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Prostate		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[ Hyperplasia TGLS = 3-21 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 763

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney		Concretion	Minimal
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 764

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 605

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-54830

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Epididymis		Hypospermia	
Esophagus		Foreign Body	Mild
		Hemorrhage	Moderate
		Inflammation	Suppurative, Marked
	[ Foreign Body TGLS = 3-3 ]		
	[ Hemorrhage TGLS = 4-21 ]		
	[ Inflammation TGLS = 4-21 ]		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	[ Basophilic Focus TGLS = 6-22 ]		
Lung		Foreign Body	Mild
		Hemorrhage	Mild
		Inflammation	Subacute, Mild
		Exudate	
Nose		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen			
	Note: TGLs 2-6 = No corresponding lesion.		
Testes	Bilateral, Interstit Cell	Adenoma	
	Note: MARKED ATROPHY ASSOC. WITH ADENOMAS; NOT CODED		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 764

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 605

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-54830

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

- Esophagus Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Esophagus Foreign Body;Esophagus Hemorrhage;Lung Foreign Body

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 765

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Pituitary Gland

**OBSERVATIONS**

Adrenal Cortex		Hyperplasia	Focal, Minimal
Epididymis		Atypia Cellular	
Intestine Large, Colon		Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lymph Node, Mesenteric		Hemorrhage	Minimal
[ Hemorrhage TGLS = 5-5 ]			
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Skin		Basal Cell Adenoma	
[ Basal Cell Adenoma TGLS = 1-21 ]			
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 766

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56207

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Kidney		Concretion	Minimal
		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[ Hepatodiaphragmatic Nodule TGLS = 4-22 ]		
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
Skin		Keratoacanthoma	
	[ Keratoacanthoma TGLS = 1-21 ]		
Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-6 ]		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 767

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Moderate
Intestine Large, Colon		Parasite Metazoan	
Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Mild
		Lipoma	
		Mineralization	Minimal
		Nephropathy	Minimal
Note: LIPOMA APPEARS TO BE IN EARLY STAGE			
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[ Eosinophilic Focus TGLS = 4-6 ]			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node, Mandibular		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-21 ]			
Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Mild
[ Ectasia TGLS = 1-8-1 ]			
[ Inflammation TGLS = 1-8-1 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 767	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56208

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal
Urinary Bladder	Mucosa	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 768

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Parasite Metazoan	
Kidney		Concretion	Minimal
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Cyst	
Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-21 ]			
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
Note: AND HISTIOCYTIC INFLILTRATE; NOT CODED			
Note: INFLAMMATORY RESPONSE INCLUDES MILD INTERSTITIAL FIBROSIS			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Cyst	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 768

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56209

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Follicle

Mineralization

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 769	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56210

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Adrenal Cortex		Degeneration	Fatty, Minimal
Epididymis		Atypia Cellular	
		Hypospermia	
Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
Liver		Clear Cell Focus	
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 770      **TRT#:** 2      **SEX:** Male      **DAY ON TEST:** 730  
**DOSE:** 337.5\_MG/KG RTD      **DISP:** Interval Sacrifice      **HISTO:** 91-56211

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Moderate
Intestine Large, Cecum		Parasite Metazoan	
Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[ Adenoma TGLS = 2-7 ]			
[ Atrophy TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 771

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56212

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
	[ Hepatocellular Adenoma TGLS = 5-6 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 4-22 ]		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Mild
	[ Hemorrhage TGLS = 2-8 ]		
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
Pancreas		Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin		Cyst Epithelial Inclusion	
	[ Cyst Epithelial Inclusion TGLS = 1-21 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 771	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56212

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Mineralization	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 772	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 210
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund	<b>HISTO:</b> 89-51279

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Bone		Hamartoma	
Note: OSSEOUS TISSUE			
Note: BONE LESION CONSISTS OF SEVERAL LARGE, ENDOTHELIAL-LINED VASCULAR SPACES SEPARATED BY WELL-DIFFERENTIATED OSSEOUS TISSUE.			
[ Hamartoma TGLS = 1-21 ]			
Kidney		Mineralization	Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 2-3 ]			
Preputial Gland		Inflammation	Chronic, Mild

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**PRIMARY CAUSE OF DEATH** - Bone Hamartoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 773

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56213

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Hypospermia	
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Marked
[ Hemorrhage TGLS = 3-22 ]			
[ Pigmentation TGLS = 3-22 ]			
Lymph Node, Mandibular		Pigmentation	Mild
[ Pigmentation TGLS = 3-22 ]			
Lymph Node, Mesenteric		Hemorrhage	Mild
[ Hemorrhage TGLS = 3-22 ]			
Preputial Gland		Inflammation	Chronic, Mild
Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-21 ]			
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 773

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56213

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 774

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56214

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Eosinophilic Focus TGLS = 7-22 ]			
[ Hepatodiaphragmatic Nodule TGLS = 4-21 ]			
Nose		Exudate	
Preputial Gland		Ectasia	Marked
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Marked
Note: CHRONIC INFLAMMATION INCLUDES GRANULOMATOUS COMPONENT			
[ Ectasia TGLS = 3-8-1 ]			
[ Inflammation TGLS = 2-8-1, 3-8-1 ]			
[ Inflammation TGLS = 2-8-1, 3-8-1 ]			
Prostate	Epithelium	Hyperplasia	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7,6-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 775

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Eye		Phthisis Bulbi	
[ Phthisis Bulbi TGLS = 1-21 ]			
Heart		Cardiomyopathy	Mild
Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-1 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Hemosiderin, Marked
Testes	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 776

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Cyst	
	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 777

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Hemorrhage	Moderate
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
Note: FOCAL AGGREGATION OF LYMPHOCYTES AND HISTIOCYTES; NOT CODED			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate

[ Adenoma TGLS = 2-7 ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 777	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56217

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Atrophy TGLS = 1-7 ] Thyroid Gland	C Cell Follicle	Carcinoma Mineralization	Mild
[ Carcinoma TGLS = 4-3 ]			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 778

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56218

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Bone Marrow		Leukemia Mononuclear	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node, Mandibular		Ectasia	Mild
Pancreas		Atrophy	Mild
Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-8-1 ]			
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-21,5-6 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 779

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Dead

**HISTO:** 91-56219

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Brain		Compression	
		Hemorrhage	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Congestion	Moderate
Lung		Congestion	Moderate
		Edema	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA ALSO PRESENT ON SLIDE 1-1 [ Adenoma TGLS = 2-21 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Marked
Urinary Bladder	Mucosa	Hyperplasia	Moderate

**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 780

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56220

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Moderate
Epididymis		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL ALSO ON SLIDES 4, 5, 6, 7, 7-1, 7-2 & 10 [ Mesothelioma Malignant TGLS = 1-21,4-22 ]			
Prostate		Corpora Amylacea Inflammation	Mild Suppurative, Mild
Note: FOCAL LYMPHOCYTIC AND HISTIOCYTIC INFILTRATE; NOT Note: CODED			
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 781

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56221

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 782	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56222

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Schwannoma Malignant	
Note: SCHWANNOMA MAL IS IN AN EARLY STAGE			
Kidney		Concretion	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Mesentery		Accessory Spleen	
[ Accessory Spleen TGLS = 2-21 ]			
Nose		Exudate	
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 783

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 519

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-54536

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
[ Ectasia TGLS = 1-8 ]			
[ Inflammation TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 784

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Large, Colon

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Moderate
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 1-7 ]	
Thyroid Gland	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 785

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 5-23 ]			
Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-22 ]			
Pancreas		Atrophy	Minimal
Preputial Gland		Carcinoma	
		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
[ Carcinoma TGLS = 1-21 ]			
Prostate		Corpora Amylacea	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 786

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 674

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-55396

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Note: EOSIN FOCUS ALSO ON SLIDE 6			
[ Eosinophilic Focus TGLS = 7-23 ]			
Mammary Gland		Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-8 ]			
Nose		Exudate	
	Mucosa	Hyperplasia	Mild
Pancreas	Acinar Cell	Adenoma	
[ Adenoma TGLS = 5-22 ]			
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
Prostate		Corpora Amylacea	Mild
Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-21 ]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 786

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 674

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-55396

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Pancreas Acinar Cell Adenoma; Pituitary Gland Pars Distalis Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 787

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56225

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Minimal
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Mild
Note: FOCAL LYMPHOCYTIC AND HISTIOCYTIC INFILTRATION; NOT CODED			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 788

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 617

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Dead

**HISTO:** 90-54884

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Hypospermia	
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Congestion	Moderate
Pancreas		Atrophy	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thymus		Hemorrhage	Moderate

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 789

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56226

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Concretion	Minimal
		Nephropathy	Minimal
Lung		Foreign Body	Mild
Note: FOREIGN BODY RESEMBLES OIL GLOBULES			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 790

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56227

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Hypospermia	
Heart		Schwannoma Malignant	
Note: SCHWANNOMA MAL IS IN AN EARLY STAGE			
Intestine Large, Cecum		Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
Lymph Node, Mandibular		Ectasia	Mild
Nose		Exudate	
		Foreign Body	Mild
Note: FOREIGN BODY RESEMBLES OIL			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
[ Ectasia TGLS = 1-8-1 ]			
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 791

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Adrenal Medulla		Pheochromocytoma Benign	
Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Concretion	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA ENCROACHES ON THE PARS INTERMEDIA			
[ Adenoma TGLS = 4-1 ]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
Spleen		Fibrosis	Minimal
		Pigmentation	Hemosiderin, Moderate
[ Fibrosis TGLS = 3-6,3-21 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 791

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56228

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 792

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Intermed	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 792

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56229

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Urinary Bladder

Mucosa

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 793

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56230

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Focal, Mild
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lung		Foreign Body	Minimal
	Alveolar Epith	Hyperplasia	Mild
Note: FOREIGN BODY RESEMBLES OIL GLOBULES (SLIDE 2-1)			
[ Hyperplasia TGLS = 6-2-2 ]			
Lymph Node, Mandibular		Hemorrhage	Minimal
[ Hemorrhage TGLS = 1-8 ]			
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Cyst	
Note: TWO SEPARATE ADENOMAS ARE PRESENT IN THE PARS DISTALIS			
[ Adenoma TGLS = 4-1 ]			
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 793	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56230

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen		Fibroma	
		Pigmentation	Hemosiderin, Moderate
[ Fibroma TGLS = 3-21 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild
Urinary Bladder	Mucosa	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 794

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Focal, Minimal
Bone	Calvarium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Mild
[ Osteopetrosis TGLS = 3-22 ]			
Epididymis		Atypia Cellular	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-21 ]			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild
Urinary Bladder	Mucosa	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 795

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 87

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Gavage Death

**HISTO:** 89-49701

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Heart		Inflammation	Subacute, Moderate
Note: INFLAMMATION INVOLVES EPICARDIUM AND PERICARDIUM [ Inflammation TGLS = 6-5,7-5 ]			
Kidney		Nephropathy	Minimal
Liver	Hepatocyte	Vacuolization Nuclear	Moderate
Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Moderate
Note: MANY OF THE HISTIOCYTES CONTAIN BROWNISH PIGMENT [ Edema TGLS = 5-2 ] [ Infiltration Cellular TGLS = 5-2 ]			
Lymph Node	Inguinal	Hemorrhage	Minimal
[ Hemorrhage TGLS = 2-8, 1-8 ]			
Lymph Node, Mandibular		Hemorrhage	Minimal
[ Hemorrhage TGLS = 2-8, 1-8 ]			
Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss	Edema	Moderate
		Hemorrhage	Mild
[ Edema TGLS = 3-21 ] [ Hemorrhage TGLS = 3-21 ]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus	Cortex	Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 795

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 87

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Gavage Death

**HISTO:** 89-49701

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Atrophy TGLS = 8-3 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 796

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56232

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Medulla		Hyperplasia	Moderate
Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 797

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 634

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-55223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Brain		Compression	
		Hydrocephalus	Mild
[ Compression TGLS = 5-1 ]			
Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-8 ]			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-1 ]			
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder	Mucosa	Hyperplasia	Moderate

**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma  
**CONTRIBUTORY CAUSE OF DEATH** - Kidney Concretion

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 798

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Thymus

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hyospermia	
Kidney		Concretion	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
Lymph Node, Mandibular		Hemorrhage	Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 800

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56235

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
		Schwannoma Malignant	
Note: SCHWANNOMA MAL ALSO PRESENT ON SLIDE 5 [ Schwannoma Malignant TGLS = 3-5-1,3-21 ]			
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[ Hepatodiaphragmatic Nodule TGLS = 2-6 ]			
Pancreas		Atrophy	Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 801

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56236

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
Intestine Large, Rectum		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Inflammation	Chronic, Moderate
[ Eosinophilic Focus TGLS = 3-22 ]			
[ Inflammation TGLS = 4-23 ]			
Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-21 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 802

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Colon		Parasite Metazoan	
Kidney		Nephropathy	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Stomach, Forestomach	Mucosa	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 803	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56238

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Liver		Eosinophilic Focus	
Pancreas		Atrophy	Mild
Note: AREA OF ATROPHY INCLUDES A MULTILOCULAR CYST			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 804

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 511

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-54537

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Preputial Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea

**OBSERVATIONS**

Blood Vessel	Aorta	Mineralization	Moderate
Epididymis		Atypia Cellular	
Heart		Mineralization	Moderate
Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
	Transit Epithe	Hyperplasia	Mild
		Mineralization	Moderate
	Papilla	Necrosis	Moderate
[ Dilatation TGLS = 5-5 ]			
Nose		Exudate	
Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLS = 8-1 ]			
Prostate		Edema	Marked
		Hemorrhage	Marked
		Inflammation	Suppurative, Moderate
[ Edema TGLS = 9-7-2,10-21 ]			
[ Hemorrhage TGLS = 9-7-2,10-21 ]			
[ Inflammation TGLS = 9-7-2,10-21 ]			
Seminal Vesicle		Inflammation	Suppurative, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 804

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 511

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund

**HISTO:** 90-54537

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Inflammation TGLS = 4-7 ]			
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach, Forestomach		Inflammation	Suppurative, Moderate
		Mineralization	Mild
[ Inflammation TGLS = 11-22 ]			
[ Mineralization TGLS = 11-22 ]			
Stomach, Glandular		Inflammation	Suppurative, Mild
[ Inflammation TGLS = 11-22 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Urinary Bladder	Mucosa	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	- Kidney Papilla Necrosis		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Hyperplasia		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 805

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56239

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinar Cell	Hyperplasia	Focal, Mild
[ Hyperplasia TGLS = 3-21 ]			
Preputial Gland		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
Prostate		Corpora Amylacea	Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 806

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56240

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Thymus

**OBSERVATIONS**

Epididymis		Hypospermia	
Eye	Retina	Atrophy	Marked
		Cataract	Mild
	[ Cataract TGLS = 1-21 ]		
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	[ Eosinophilic Focus TGLS = 4-22 ]		
Prostate		Corpora Amylacea	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Ulcer	Mild
	Note: FORESTOMACH LESIONS ALSO PRESENT ON SLIDE 4		
	[ Hyperplasia TGLS = 5-23 ]		
	[ Ulcer TGLS = 5-23 ]		
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 806	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Interval Sacrifice	<b>HISTO:</b> 91-56240

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 3-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 807

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 175

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Gavage Death

**HISTO:** 89-51280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Intestine Large, Rectum	Parasite Metazoan	
Kidney	Hemorrhage	Moderate
	Nephropathy	Minimal
Note: HEMORRHAGE IS SUBCAPSULAR & IN OUTER CORTEX OF RIGHT KIDNEY		
Lung	Congestion	Marked
	Edema	Moderate
	Foreign Body	Moderate
Note: ALVEOLAR SPACES AND INTERSTITIUM		
Note: FOREIGN BODY CONSISTS OF PALE YELLOW MATERIAL IN [ Congestion TGLS = 1-2 ]		
Preputial Gland	Inflammation	Chronic, Mild
Thymus	Hemorrhage	Mild
[ Hemorrhage TGLS = 2-3 ]		
Thyroid Gland	Ultimobranchial Cyst	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 808

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56241

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Hypospermia	
Heart		Cardiomyopathy	Minimal
Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-2-1 ]			
Lymph Node, Mandibular		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-21 ]			
Pancreas		Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 809

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 685

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Dead

**HISTO:** 90-55615

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Intestine Large, Rectum		Ulcer	Mild
Kidney		Nephropathy	Minimal
Lung		Congestion	Mild
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 7-7 ]			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 810

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Interval Sacrifice

**HISTO:** 91-56242

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Epididymis		Atypia Cellular	
		Hypospermia	
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Nose		Exudate	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate	Epithelium	Hyperplasia	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Stomach, Forestomach		Erosion	Mild
	Mucosa	Hyperplasia	Moderate
[ Erosion TGLS = 3-22 ]			
[ Hyperplasia TGLS = 3-22 ]			
Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
Thyroid Gland	Follicle	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 811

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58938

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-22 ]			
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 2-8-1 ]			
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-21 ]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[ Adenoma TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 811

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58938

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 812

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 840

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58939

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-10 ]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Cyst	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-7 ]			
[ Leukemia Mononuclear TGLS = 7-3-1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-8 ]			
* Pancreas		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 812	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 840
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58939

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skin [ Fibroma TGLS = 8-21 ]	Subcut Tiss	Fibroma	
* Spleen [ Leukemia Mononuclear TGLS = 4-6 ]		Leukemia Mononuclear	
* Stomach, Glandular		Edema	Mild
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	

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PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 813

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 574

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 90-54765

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Compression	
		Hemorrhage	Moderate
		Hydrocephalus	Mild
		Necrosis	Mild
[ Compression TGLS = 4-1 ]			
* Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-1 ]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Pigmentation	Hemosiderin, Moderate

**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 814

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58940

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Esophagus

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Gliosis	Moderate
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Nose		Exudate	
	Mucosa	Hyperplasia	Moderate
* Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
	[ Ectasia TGLS = 2-8-1 ]		
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 814

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58940

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 3-7 ]

\* Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 815

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58941

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Angiectasis	Moderate
[ Angiectasis TGLS = 7-10 ]			
* Blood Vessel		Hypertrophy	Moderate
		Inflammation	Chronic Active, Moderate
Note: HYPERTROPHY AND INFLAMMATION ARE ALSO PRESENT IN BLOOD VESSELS OF KIDNEY, HEART, PANCREAS AND OTHER TISSUES.			
[ Hypertrophy TGLS = 9-23 ]			
[ Inflammation TGLS = 9-23 ]			
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
	Axillary	Hemorrhage	Marked
	Iliac	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Iliac	Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 815	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58941

**ORGAN AND ACCOUNTABLE SITE STATUS**

	Iliac	Pigmentation	Marked
[ Carcinoma TGLS = 12-25 ]			
[ Hemorrhage TGLS = 11-24 ]			
[ Hemorrhage TGLS = 6-7 ]			
[ Hemorrhage TGLS = 1-21 ]			
[ Hyperplasia TGLS = 11-24 ]			
[ Pigmentation TGLS = 11-24 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 8-5 ]			
* Mammary Gland		Hyperplasia	Lobular, Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 5-22 ]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 13-1 ]			
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
[ Ectasia TGLS = 3-8-1 ]			
[ Inflammation TGLS = 3-8-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Thyroid Gland	Bilateral, C Cell	Carcinoma	
[ Carcinoma TGLS = 10-3 ]			
* Urinary Bladder	Mucosa	Hyperplasia	Minimal
<b>PRIMARY CAUSE OF DEATH</b>	-		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 816

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58942

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Foreign Body	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
* Skin		Acanthosis	Moderate
		Hyperkeratosis	Mild
		[ Acanthosis TGLS = 2-21 ]	
		[ Hyperkeratosis TGLS = 2-21 ]	
* Testes	Bilateral, Interstit Cell	Adenoma	
Ureter	Mucosa	Hyperplasia	Mild
		[ Hyperplasia TGLS = 7-2 ]	
* Urinary Bladder	Mucosa	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 817

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 790

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58943

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Moderate
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Histiocytic Sarcoma	Metastatic (Spleen)
		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
	Lobules	Necrosis	Marked
	[ Histiocytic Sarcoma TGLS = 5-6,6-6 ]		
	[ Necrosis TGLS = 5-6,6-6 ]		
* Lung		Histiocytic Sarcoma	Metastatic (Spleen)
		Infiltration Cellular	Histiocyte, Mild
	[ Histiocytic Sarcoma TGLS = 8-2 ]		
Lymph Node	Mediastinal	Histiocytic Sarcoma	Metastatic (Spleen)
	Renal	Histiocytic Sarcoma	Metastatic (Spleen)
	[ Histiocytic Sarcoma TGLS = 11-23 ]		
	[ Histiocytic Sarcoma TGLS = 9-3-1 ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Exudate	
* Pancreas		Histiocytic Sarcoma	Metastatic (Spleen)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 817      **TRT#:** 2      **SEX:** Male      **DAY ON TEST:** 790  
**DOSE:** 337.5\_MG/KG RTD      **DISP:** Natural Death      **HISTO:** 91-58943

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Skin		Inflammation	Suppurative, Marked
	Subcut Tiss	Schwannoma Nos	
	[ Inflammation TGLS = 2-22 ]		
	[ Schwannoma Nos TGLS = 1-21 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
	[ Hematopoietic Cell Proliferation TGLS = 7-6 ]		
	[ Histiocytic Sarcoma TGLS = 7-6 ]		
* Stomach, Glandular		Erosion	Mild
		Ulcer	Moderate
	[ Ulcer TGLS = 13-24 ]		
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	[ Adenoma TGLS = 3-7 ]		
	[ Atrophy TGLS = 4-7 ]		

PRIMARY CAUSE OF DEATH      - Liver    Histiocytic Sarcoma  
CONTRIBUTORY CAUSE OF DEATH      - Skin    Inflammation;Skin    Subcut Tiss    Schwannoma Nos;Stomach;Glandular    Ulcer

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 818

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 634

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 90-55224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* 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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Bone	Calvarium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
	[ Osteopetrosis TGLS = 2-21,3-22 ]		
	[ Osteopetrosis TGLS = 2-21,3-22 ]		
* Epididymis		Atypia Cellular	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Ectasia	Mild
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 819

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 832

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58944

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* 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	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hypercellularity	Moderate
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 6-3-1 ]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery		Leukemia Mononuclear	
		Note: LEUKEMIA MONUC IS PRESENT IN MESENTERY ON SLIDES 7 AND 10	
* Nose		Exudate	
		Fungus	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 819	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 832
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58944

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Skeletal Muscle		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 5-22 ]			
* Stomach, Glandular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-24 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-23 ]			
* Thyroid Gland	Follicle	Cyst	

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PRIMARY CAUSE OF DEATH - Thymus Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 820

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58945

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Compression	Moderate
		Hydrocephalus	Moderate
[ Compression TGLS = 12-1 ]			
* Epididymis		Hypospermia	
Eye		Cataract	Mild
		Inflammation	Suppurative, Marked
[ Cataract TGLS = 2-22 ]			
[ Inflammation TGLS = 2-22 ]			
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Mild
[ Hemorrhage TGLS = 7-7 ]			
[ Pigmentation TGLS = 7-7 ]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 820	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58945

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 11-1 ]			
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Angiectasis	Moderate
		Squamous Cell Papilloma	
[ Angiectasis TGLS = 3-23 ]			
[ Squamous Cell Papilloma TGLS = 1-21 ]			
* Spleen		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Marked
[ Fibrosis TGLS = 9-24 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			
* Thyroid Gland	Follicle	Cyst	
* Urinary Bladder	Mucosa	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 821

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58946

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Pancreas	Acinar Cell	Adenoma	
		Atrophy	Mild
		[ Adenoma TGLS = 2-21 ]	
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands		Atrophy	Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 1-7 ]	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 822

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58947

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Cyst	Moderate
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Nose		Exudate	
	Mucosa	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
[ Fibrosis TGLS = 2-21 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 823

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58948

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-1 ]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7,4-7 ]			
Urethra		Metaplasia	Squamous, Minimal
[ Metaplasia TGLS = 7-2 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 824

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 750

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58949

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Carcinoma	Metastatic (Thyroid Gland)
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin		Acanthosis	Moderate
		Hyperkeratosis	Mild
	[ Acanthosis TGLS = 6-21 ]		
	[ Hyperkeratosis TGLS = 6-21 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1-7 ]		
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
	[ Carcinoma TGLS = 5-3 ]		
* Trachea		Carcinoma	Metastatic (Thyroid Gland)
* Urinary Bladder	Mucosa	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 824

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 750

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58949

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Thyroid Gland C Cell Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 825

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58950

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign Pheochromocytoma Malignant	
	[ Pheochromocytoma Malignant TGLS = 3-22 ]		
* Epididymis		Atypia Cellular Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Nose		Exudate	
* Prostate		Inflammation	Suppurative, Mild
* Skin		Trichoepithelioma	
	[ Trichoepithelioma TGLS = 1-21 ]		
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 826

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 120

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Dosing Accident

**HISTO:** 89-50136

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Esophagus		Inflammation	Granulomatous, Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
Note: NEPHROPATHY CONSISTS PRIMARILY OF REGENERATING RENAL TUBULES. [ Nephropathy TGLS = 1-5 ]			
* Lung		Edema	Mild
		Embolus	Marked
		Fibrosis	Moderate
		Infiltration Cellular	Histiocyte, Moderate
Note: EMBLOLI APPEAR AS CLEAR VACUOLES RESEMBLING OIL GLOBULES AND INVOLVE THE ALVEOLAR CAPILLARY BED. [ Fibrosis TGLS = 2-2,2-21 ]			
Lymph Node	Mediastinal	Embolus	Marked
[ Embolus TGLS = 3-3 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 827

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58951

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Intestine Large, Colon

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-22 ]			
* Prostate		Inflammation	Suppurative, Mild
* Skin		Hyperkeratosis	Moderate
[ Hyperkeratosis TGLS = 2-21 ]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-23 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 828

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 795

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58952

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone		Osteosarcoma	
	[ Osteosarcoma TGLS = 4-21 ]		
Ear		Hyperplasia	Focal, Moderate
	Note: HYPERPLASIA CONSISTS OF A FOCAL ENLARGEMENT OF THE AURICULAR CARTILAGE		
	[ Hyperplasia TGLS = 5-22 ]		
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Pancreas	Acinar Cell	Adenoma	
		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
	[ Ectasia TGLS = 2-8-1 ]		
	[ Inflammation TGLS = 2-8-1 ]		
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 3-7 ]		
* Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

- Bone Osteosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 829

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 571

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 90-54766

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Oligodendroglioma Malignant	
[ Oligodendroglioma Malignant TGLS = 4-1 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Congestion	Moderate
[ Congestion TGLS = 3-2 ]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Skin		Inflammation	Chronic, Moderate
Note: THE NASAL SECTION			
Note: INFLAMMATION IS ON SLIDE 9 IN SUBCUTANEOUS LIP AREA ON			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

- Brain Oligodendroglioma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Thyroid Gland Follicular Cel Adenoma;Thyroid Gland C Cell Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 830

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58953

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Mild
		Degeneration	Fatty, Moderate
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Mild
[ Concretion TGLS = 5-5 ]			
* Liver	Centrilobular	Atrophy	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[ Leukemia Mononuclear TGLS = 6-3-1 ]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: CYSTIC SPACES CONTAIN OLD HEMORRHAGE			
[ Fibroadenoma TGLS = 1-21 ]			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ON SLIDE 7-1			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 830	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58953

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland [ Adenoma TGLS = 7-1 ]	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
Urethra [ Metaplasia TGLS = 7-2 ]		Metaplasia	Squamous, Minimal
* Urinary Bladder [ Hyperplasia TGLS = 4-8 ]	Mucosa	Hyperplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 831

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58954

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Hypospermia	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinar Cell	Adenoma	
[ Adenoma TGLS = 2-21 ]			
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 832

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58955

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Lobular, Moderate
		[ Hyperplasia TGLS = 2-8 ]	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Intermed	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
		[ Angiectasis TGLS = 4-1 ]	
		[ Hyperplasia TGLS = 4-1 ]	
* Prostate		Corpora Amylacea	Moderate
* Skin		Squamous Cell Papilloma	
		[ Squamous Cell Papilloma TGLS = 1-21 ]	
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 832

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58955

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 3-7 ]

\* Thyroid Gland

C Cell

Hyperplasia

Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 833

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58956

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hypertrophy	Focal, Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
		[ Infiltration Cellular TGLS = 6-2 ]	
* Mammary Gland		Hyperplasia	Lobular, Mild
		Hyperplasia	Cystic, Marked
		[ Hyperplasia TGLS = 2-21 ]	
* Pancreas	Acinar Cell	Adenoma	
	Acinar Cell	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		[ Adenoma TGLS = 7-1 ]	
* Preputial Gland		Adenoma	
		[ Adenoma TGLS = 3-22 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 833	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58956

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Edema	Marked
		Inflammation	Suppurative, Marked
* Salivary Glands		Atrophy	Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-3 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 834

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58957

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Exudate	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands	Parotid GI	Fibrosarcoma	
	[ Fibrosarcoma TGLS = 1-8 ]		
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2-7 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 835

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 826

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58958

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* 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	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

**MISSING**

* Esophagus	* Heart	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Brain		Compression	Moderate
[ Compression TGLS = 3-1-1 ]			
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-1 ]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Corpora Amylacea	Moderate
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Seminif Tub	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 836

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 816

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58959

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-10 ]		
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	[ Basophilic Focus TGLS = 6-22 ]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Mesentery		Accessory Spleen	Moderate
	[ Accessory Spleen TGLS = 4-21 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 7-1 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-6 ]		
* Testes	Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 836	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 816
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58959

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 1-7 ]			
[ Atrophy TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 837

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58960

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Mild
	Renal Tubule	Dilatation	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 5-21 ]			
[ Mixed Cell Focus TGLS = 5-21 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Lobular, Mild
[ Hyperplasia TGLS = 1-8 ]			
* Nose		Exudate	
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[ Angiectasis TGLS = 6-1 ]			
* Preputial Gland		Ectasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 837	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58960

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Ectasia TGLS = 2-8-1 ]		Inflammation	Suppurative, Mild
[ Inflammation TGLS = 2-8-1 ]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 838

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 695

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 90-55785

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	
		Hydrocephalus	Mild
[ Compression TGLS = 4-1 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 2-21 ]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-1 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Fibrosis	Moderate
		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Hemosiderin, Marked
* Testes	Interstit Cell	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**ANIMAL ID:** 838

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 695

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 90-55785

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thyroid Gland

C Cell

Hyperplasia

Minimal

---

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 839

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 845

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58961

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Mammary Gland  
\* Skin  
\* Trachea

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Parathyroid Gland  
\* Stomach, Glandular

\* Blood Vessel  
\* Esophagus  
\* Intestine Small, Duodenum  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Thymus

\* Bone  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thyroid Gland

**OBSERVATIONS**

\* Epididymis

Atypia Cellular  
Hypospermia  
Cardiomyopathy  
Concretion  
Dilatation  
Hydronephrosis  
Inflammation  
Mineralization  
Nephropathy

Moderate  
Marked  
Moderate  
Moderate  
Suppurative, Minimal  
Minimal  
Minimal

\* Heart

\* Kidney

Renal Tubule

[ Dilatation TGLS = 5-5 ]

[ Nephropathy TGLS = 5-5 ]

\* Liver

\* Lung

\* Nose

\* Pancreas

\* Preputial Gland

\* Prostate

Basophilic Focus  
Infiltration Cellular  
Foreign Body  
Atrophy  
Inflammation  
Hemorrhage  
Hyperplasia  
Inflammation  
Inflammation

Histiocyte, Mild  
Mild  
Minimal  
Chronic, Mild  
Marked  
Mild  
Suppurative, Mild  
Suppurative, Moderate

Epithelium

Note: SEMINAL VESICLE DILATED (MORPHOLOGY NOT AVAILABLE)

[ Inflammation TGLS = 4-7,4-7-3 ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 839	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 845
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Natural Death	<b>HISTO:</b> 91-58961

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Spleen		Pigmentation	Hemosiderin, Marked
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Mineralization	Mild
		Ulcer	Moderate
[ Hyperplasia TGLS = 6-21 ]			
[ Mineralization TGLS = 7-22 ]			
[ Ulcer TGLS = 6-21 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Urinary Bladder		Dilatation	Mild
		Hemorrhage	Marked
		Inflammation	Suppurative, Moderate
[ Dilatation TGLS = 2-8 ]			
[ Hemorrhage TGLS = 3-8 ]			

---

PRIMARY CAUSE OF DEATH	- Kidney Concretion
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Ulcer

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 840

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58962

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Concretion	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hemorrhage	Moderate
[ Hemorrhage TGLS = 3-8 ]			
* Nose		Exudate	
* Pancreas		Atrophy	Minimal
* Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild
[ Ectasia TGLS = 2-8-1 ]			
[ Inflammation TGLS = 2-8-1 ]			
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibroma	
		Squamous Cell Papilloma	
[ Fibroma TGLS = 1-21 ]			
[ Squamous Cell Papilloma TGLS = 5-22 ]			
* Spleen		Pigmentation	Hemosiderin, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**ANIMAL ID:** 840

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58962

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Stomach, Glandular

Erosion

Minimal

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 4-7 ]

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 841

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58963

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ALSO PRESENT OF SLIDES 6, 7, AND 10 [ Mesothelioma Malignant TGLS = 3-7-1,4-22 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-21 ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Mesentery Mesothelioma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 842

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58964

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Minimal
[ Concretion TGLS = 6-5 ]			
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 3-23 ]			
* Nose		Exudate	
		Foreign Body	Mild
* Skin		Acanthosis	Moderate
	Subcut Tiss	Fibroma	
		Hyperkeratosis	Moderate
[ Acanthosis TGLS = 1-21 ]			
[ Fibroma TGLS = 2-22 ]			
[ Hyperkeratosis TGLS = 1-21 ]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 842	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Natural Death	<b>HISTO:</b> 91-58964

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 4-7 ]			
* Urinary Bladder	Mucosa	Hyperplasia Papilloma	Marked
[ Papilloma TGLS = 7-8-2 ]			

---

PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Concretion;Skin Subcut Tiss Fibroma;Urinary Bladder Papilloma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 843

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58965

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Cyst	Moderate
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Nose		Exudate	
* Pancreas		Atrophy	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05099-09  
Test Type: CHRONIC-LIFETIME  
Route: GAVAGE  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Salicylazosulfapyridine  
CAS Number: 599-79-1

Date Report Requested: 10/21/2014  
Time Report Requested: 10:02:34  
First Dose M/F: NA / NA  
Lab: SRI

---

<b>ANIMAL ID:</b> 844	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58966

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

---

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
		[ Angiectasis TGLS = 2-1 ]	
		[ Hyperplasia TGLS = 2-1 ]	
* Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 3-7 ]	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 845

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 573

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 90-54767

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**AUTO PRECLUDES DIAG.**

\* Intestine Small, Jejunum

**OBSERVATIONS**

* Brain		Compression	
		Hemorrhage	Mild
[ Compression TGLS = 5-1 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Congestion	Moderate
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-1 ]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Spleen		Pigmentation	Hemosiderin, Moderate
* Urinary Bladder		Concretion	Moderate
		Dilatation	Moderate
	Mucosa	Hyperplasia	Mild
[ Dilatation TGLS = 2-8 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**ANIMAL ID:** 845

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 573

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 90-54767

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Kidney Concretion;Urinary Bladder Concretion

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 846

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58967

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-1 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 848

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 854

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58968

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland	* Prostate
* Seminal Vesicle	* Spleen	* Testes	* Urinary Bladder

**OBSERVATIONS**

* Heart		Cardiomyopathy	Moderate
	Endocardium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
[ Hepatocellular Carcinoma TGLS = 2-21 ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
[ Hyperplasia TGLS = 3-2-1 ]			

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 849

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 875

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58969

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Stomach, Glandular	* Thyroid Gland	* Trachea

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Concretion	Moderate
	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Moderate
		Mineralization	Minimal
	Papilla	Necrosis	Moderate
		Nephropathy	Minimal
	[ Hydronephrosis TGLS = 5-5 ]		
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas		Atrophy	Minimal
* Prostate		Hemorrhage	Marked
		Inflammation	Suppurative, Moderate
* Seminal Vesicle		Inflammation	Suppurative, Moderate
	Note: SEMINAL VESICLE MARKEDLY DILATED (MORPHOLOGY NOT AVAILABLE).		
	[ Inflammation TGLS = 4-7-3 ]		
* Skin		Acanthosis	Mild
		Hyperkeratosis	Mild
	[ Acanthosis TGLS = 6-21 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:34  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 849	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 875
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Natural Death	<b>HISTO:</b> 91-58969

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperkeratosis TGLS = 6-21 ]			
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
		Mineralization	Moderate
[ Hyperplasia TGLS = 7-22 ]			
[ Inflammation TGLS = 7-22 ]			
[ Mineralization TGLS = 7-22 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,2-7 ]			
* Urinary Bladder		Hemorrhage	Marked
		Inflammation	Suppurative, Moderate
[ Hemorrhage TGLS = 3-8 ]			

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PRIMARY CAUSE OF DEATH	- Kidney Concretion
CONTRIBUTORY CAUSE OF DEATH	- Kidney Papilla Necrosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 850

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58970

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Hypospermia	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node			
Note: PIGMENT OBSERVED IN ILIAC LYMPH NODE CONSIDERED TO BE FROM TAIL TATTOO; NOT CODED			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas		Atrophy	Mild
* Prostate		Corpora Amylacea	Mild
* Salivary Glands		Atrophy	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,3-7 ]			
* Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 851

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 889

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58971

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Note: MINIMAL HEMATOPOIETIC CELL PROLIFERATION IN MANDIBULAR LYMPH NODE; NOT CODED [ Pigmentation TGLS = 3-8 ]			
* Nose		Exudate	
		Foreign Body	Mild
		Fungus	Moderate
	Mucosa	Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
* Skin		Trichoepithelioma	
[ Trichoepithelioma TGLS = 1-21 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 851	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 889
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58971

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hemorrhage	Mild
		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 852

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 875

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58972

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	
		Hypospermia	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Nose		Exudate	
* Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Skin	Subcut Tiss	Fibroma	
		[ Fibroma TGLS = 1-21 ]	
* Spleen		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 2-7 ]	
* Thyroid Gland	Follicle	Cyst	

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 853      **TRT#:** 2      **SEX:** Male      **DAY ON TEST:** 878  
**DOSE:** 337.5\_MG/KG RTD      **DISP:** Moribund Sacrifice      **HISTO:** 91-58973

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	
		Hypospermia	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Concretion	Minimal
	Renal Tubule	Cyst	
	Transit Epithe	Cytoplasmic Alteration	Moderate
		Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Fibrous Histiocytoma	Metastatic (Skin)
		Mixed Cell Focus	
[ Fibrous Histiocytoma TGLS = 2-21 ]			
* Lung		Fibrous Histiocytoma	Metastatic (Skin)
[ Fibrous Histiocytoma TGLS = 3-2 ]			
Lymph Node	Mediastinal	Fibrous Histiocytoma	Metastatic (Skin)
	Renal	Fibrous Histiocytoma	Metastatic (Skin)
[ Fibrous Histiocytoma TGLS = 5-22 ]			
[ Fibrous Histiocytoma TGLS = 7-3-1 ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibrous Histiocytoma	Metastatic (Skin)
* Nose		Exudate	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 853	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 878
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58973

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland		Ectasia	Mild
		Inflammation	Suppurative, Mild
Skeletal Muscle		Fibrous Histiocytoma	Metastatic (Skin)
	[ Fibrous Histiocytoma TGLS = 8-23 ]		
* Skin	Subcut Tiss	Fibrous Histiocytoma	
	[ Fibrous Histiocytoma TGLS = 9-24,10-25 ]	Hyperkeratosis	Mild
	[ Hyperkeratosis TGLS = 11-26 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 4-7 ]		

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PRIMARY CAUSE OF DEATH - Liver Fibrous Histiocytoma Skin

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 854

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 793

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58974

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Mild
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Minimal
	Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Marked
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Marked
	[ Pigmentation TGLS = 10-3-1 ]		
Mesentery		Mesothelioma Malignant	
	Note: MESOTHELIO MAL IS ALSO PRESENT ON SLIDES 4, 5, 6, 7, 7-1, 7-2, 8, AND 10		
	[ Mesothelioma Malignant TGLS = 6-7-1,7-21,8-22,9-23 ]		
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Ectasia	Mild
	[ Ectasia TGLS = 3-8-1 ]		
* Prostate		Corpora Amylacea	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 854	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 793
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58974

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Ulcer TGLS = 11-24 ]		
* Testes	Bilateral, Interstit Cell	Adenoma
[ Adenoma TGLS = 5-7 ]		
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant	

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 855

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 200

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Dosing Accident

**HISTO:** 89-51282

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Esophagus [ Hemorrhage TGLS = 2-3 ]	Hemorrhage	Moderate
* Heart	Cardiomyopathy	Mild
* Lung	Edema	Mild
	Infiltration Cellular	Histiocyte, Mild
	Inflammation	Subacute, Mild
Note: INFLAMMATION PRESENT PRIMARILY ALONG PLEURAL SURFACE		
* Spleen	Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 856

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58975

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Moderate
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Nose		Exudate	
	Mucosa	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
* Seminal Vesicle		Inflammation	Suppurative, Minimal
* Skin		Acanthosis	Mild
		Hyperkeratosis	Mild
		[ Acanthosis TGLS = 4-21 ]	
		[ Hyperkeratosis TGLS = 4-21 ]	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 2-7 ]	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 856

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58975

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 857

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 910

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Terminal Sacrifice

**HISTO:** 91-58976

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Intestine Large, Colon	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 1-10 ]			
* Epididymis		Atypia Cellular	
		Hypospermia	
* Islets, Pancreatic		Carcinoma	
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Exudate	
* Preputial Gland		Ectasia	Mild
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Mild
		Inflammation	Suppurative, Mild
[ Hyperkeratosis TGLS = 2-21 ]			
[ Inflammation TGLS = 2-21 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 857	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 910
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 91-58976

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 858

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 812

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58977

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Carcinoma	
[ Carcinoma TGLS = 4-21 ]			
* Kidney		Concretion	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
[ Concretion TGLS = 5-5 ]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Nose		Exudate	
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Moderate
* Testes		Adenoma	
[ Adenoma TGLS = 1-7 ]	Bilateral, Interstit Cell		
* Urinary Bladder	Mucosa	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Concretion

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 858

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 812

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 91-58977

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Benign;Islets;Pancreatic Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 859

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 877

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Moribund Sacrifice

**HISTO:** 91-58978

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Islets, Pancreatic	* Pancreas
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**OBSERVATIONS**

* Epididymis		Atypia Cellular	
		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Moderate
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Eosinophilic Focus	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
	[ Hemorrhage TGLS = 15-3-1 ]		
	[ Pigmentation TGLS = 15-3-1 ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery		Mesothelioma Malignant	
	Note: MESOTHELIO MAL IS ALSO PRESENT ON SLIDES 4, 5, 6, 7, 7-1, 7-2, AND 8		
	[ Mesothelioma Malignant TGLS = 3-21,4-22 ]		
* Nose		Exudate	
* Spleen		Pigmentation	Hemosiderin, Mild
	Note: No correlating lesion for TGL 12-6.		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 859	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 877
	<b>DOSE:</b> 337.5_MG/KG RTD	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 91-58978

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes [ Adenoma TGLS = 5-7 ]	Bilateral, Interstit Cell	Adenoma
Tongue [ Squamous Cell Papilloma TGLS = 14-23 ]		Squamous Cell Papilloma

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PRIMARY CAUSE OF DEATH	- Mesentery	Mesothelioma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Tongue	Squamous Cell Papilloma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 860

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52629

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 3-22 ]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
Note: CYTOPLAS ALTER CONSISTS OF ZYMOGEN GRANULE DEPLETION			
* Skin	Subcut Tiss	Lipoma	
[ Lipoma TGLS = 1-21 ]			
* Stomach, Forestomach		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 861

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52630

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-21 ]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 862

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52631

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatodiaphragmatic Nodule	
	Mixed Cell Focus	
Note: MIXED CELL FOCUS IS ON SLIDE 6 [ Hepatodiaphragmatic Nodule TGLS = 1-21 ]		
* Prostate	Corpora Amylacea	Mild
	Inflammation	Suppurative, Mild
* Spleen	Pigmentation	Hemosiderin, Mild
* Testes	Adenoma	
	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 863

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52632

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Atypia Cellular	
* Heart		Cardiomyopathy	Minimal
* Kidney		Concretion	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
[ Hemorrhage TGLS = 1-8 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 864

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52633

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
* Stomach, Forestomach		Mineralization	Mild
[ Mineralization TGLS = 2-21 ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 865

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52634

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Concretion	Minimal
		Nephropathy	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 866

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52635

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Concretion	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 867

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52636

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Epididymis		Hypospermia	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 2-4-1 ]			
* Testes	Interstitial Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 868

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52637

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

[ Adenoma TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 869

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 430

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Natural Death

**HISTO:** 90-52216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-1 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Congestion	Moderate
[ Congestion TGLS = 1-8 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05099-09  
**Test Type:** CHRONIC-LIFETIME  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 10:02:35  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 870

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 337.5\_MG/KG RTD

**DISP:** Scheduled Sacrifice

**HISTO:** 90-52638

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Mineralization	Moderate
		Ulcer	Mild
		[ Hyperplasia TGLS = 2-4-1 ]	
		[ Mineralization TGLS = 2-4-1 ]	
		[ Ulcer TGLS = 2-4-1 ]	
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE