

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

C Number:	C88122
Lock Date:	11/13/1996
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603341

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 9603342
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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	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603343

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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Mild
		Infarct	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603344

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 9603346
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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 | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------|------------|--------------|----------------|
| * Heart | Myocardium | Degeneration | Minimal |
| * Liver | | Inflammation | Minimal |
| * Pancreas | | Atrophy | Acute, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603347

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

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603348

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 9603349
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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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Moderate
* Heart	Myocardium	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603350

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 57

DOSE: 63 MG/KG

DISP: Dosing Accident

HISTO: 9603351

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	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spinal Cord	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Liver		Hepatodiaphragmatic Nodule	
	Midzonal	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]			
Lung	Interstitial	Edema	Moderate
[Edema TGLS = 2-4+5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

OBSERVATIONS

Intestine Large, Rectum

Infiltration Cellular

Histiocyte, Minimal

Inflammation

Chronic Active, Minimal

Ulcer

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mandibular	Lymph Node, Mesenteric
------------------------	------------------------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lymph Node, Mandibular

Lymph Node, Mesenteric

OBSERVATIONS

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mandibular	Lymph Node, Mesenteric
------------------------	------------------------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular	Lymph Node, Mesenteric
-------------------------	------------------------	------------------------

OBSERVATIONS

Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-6]			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular	Lymph Node, Mesenteric
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OBSERVATIONS

Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Spleen
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OBSERVATIONS

Liver		Inflammation	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Liver

Lymph Node, Mandibular

Spleen

OBSERVATIONS

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Lung	Lymph Node, Mandibular	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Lymph Node, Mesenteric		Ulcer Infiltration Cellular	Chronic, Minimal Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Lung	Lymph Node, Mandibular	Spleen
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OBSERVATIONS

Intestine Large, Rectum	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Lymph Node, Mesenteric	Spleen
-------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Lung	Alveolus	Ulcer Infiltration Cellular	Chronic, Minimal Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Liver	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Spleen		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Lymph Node, Mandibular	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 7	SEX: Male	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Spleen			

OBSERVATIONS

Intestine Large, Rectum	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic Active, Minimal
	Ulcer	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Mild Chronic Active, Minimal Chronic, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Minimal
Liver	Midzonal	Inflammation Vacuolization Cytoplasmic	Granulomatous, Minimal Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Minimal Chronic Active, Minimal Chronic, Minimal
Liver	Midzonal	Inflammation Vacuolization Cytoplasmic	Granulomatous, Minimal Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Kidney	Spleen
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OBSERVATIONS

Esophagus	Muscularis	Inflammation Ulcer	Chronic, Minimal Minimal
Liver	Midzonal	Vacuolization Cytoplasmic	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Lymph Node, Mandibular

Spleen

OBSERVATIONS

Intestine Large, Rectum

Infiltration Cellular

Histiocyte, Mild

Inflammation

Chronic Active, Minimal

Ulcer

Chronic, Minimal

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-6]

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 32

DOSE: 500 MG/KG

DISP: Dosing Accident

HISTO: 9603386

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, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Minimal
Kidney	Renal Tubule	Necrosis	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Acute, Moderate
[Inflammation TGLS = 1-4+5]			
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
Pancreas		Hemorrhage	Mild
Spleen	Lymph Follic	Depletion Cellular	Moderate
Stomach, Forestomach		Hemorrhage	Mild
[Hemorrhage TGLS = 3-6]			
Thymus		Atrophy	Mild
Trachea		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Minimal
		Ulcer	Chronic, Minimal
Liver		Inflammation	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Mild Chronic Active, Mild Chronic, Minimal
Kidney		Inflammation	Minimal
Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 500 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Liver

Lymph Node, Mandibular

Lymph Node, Mesenteric

Spleen

OBSERVATIONS

Intestine Large, Rectum

Infiltration Cellular

Histiocyte, Minimal

Inflammation

Chronic Active, Minimal

Ulcer

Chronic, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Interstitium

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 9	SEX: Male	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Liver	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Minimal Chronic Active, Minimal Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603391

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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Mild
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 31

DOSE: 1000 MG/KG

DISP: Dosing Accident

HISTO: 9603392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Lymph Node, Mesenteric	* Stomach, Glandular
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OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Hemorrhage	Mild
[Hemorrhage TGLS = 1-12]			
* Lung		Congestion	Mild
	Interstitial	Edema	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603393

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	* 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	Muscularis	Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Chronic, Minimal
* Kidney		Inflammation	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 1000 MG/KG

DISP: Dosing Accident

HISTO: 9603394

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, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Kidney

OBSERVATIONS

* Epididymis		Inflammation	Chronic, Mild
* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-7]		
* Lung	Interstitium	Edema	Mild
	[Hemorrhage TGLS = 2-4+5]	Hemorrhage	Moderate
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Prostate		Inflammation	Chronic, Mild
* Seminal Vesicle		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Depletion Cellular	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Mild
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Mild
	Midzonal	Vacuolization Cytoplasmic	Mild
	[Hepatodiaphragmatic Nodule TGLS = 1-12]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Interstitium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Mild
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver	Midzonal	Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
	[Hepatodiaphragmatic Nodule TGLS = 1-12]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver	Midzonal	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603399

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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* 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	Muscularis	Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Liver		Inflammation	Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Liver		Inflammation	Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Liver		Inflammation	Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Granulomatous, Mild
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Ovary [Cyst TGLS = 1-10]		Cyst	Moderate
* Uterus [Hyperplasia TGLS = 2-10]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603408

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Mild
* Heart	Myocardium	Degeneration	Minimal
* Liver		Inflammation	Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Liver
Hepatodiaphragmatic Nodule
Inflammation

Granulomatous, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73	TRT#: 4	SEX: Female	DAY ON TEST: 93
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75	TRT#: 4	SEX: Female	DAY ON TEST: 93
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Bronchiole	Foreign Body	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Intestine Large, Rectum

Infiltration Cellular

Histiocyte, Minimal

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603417

OBSERVATIONS

Intestine Large, Rectum

Liver

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

Alveolus

Interstitialium

Infiltration Cellular

Inflammation

Infiltration Cellular

Inflammation

Infiltration Cellular

Infiltration Cellular

Histiocyte, Minimal

Granulomatous, Minimal

Histiocyte, Minimal

Chronic, Minimal

Histiocyte, Minimal

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 4	SEX: Female	DAY ON TEST: 93
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 82

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 6	SEX: Female	DAY ON TEST: 93
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lung
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OBSERVATIONS

Liver	Inflammation	Granulomatous, Minimal
Lymph Node, Mandibular	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 86

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Intestine Large, Rectum

Infiltration Cellular

Histiocyte, Minimal

Liver

Inflammation

Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 6	SEX: Female	DAY ON TEST: 93
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular
-------------------------	------------------------

OBSERVATIONS

Liver	Inflammation	Granulomatous, Minimal
Lung	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:53

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 92

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

Lung

Lymph Node, Mandibular

OBSERVATIONS

Liver

Inflammation

Granulomatous, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mandibular

OBSERVATIONS

Intestine Large, Rectum	Infiltration Cellular	Histiocyte, Minimal
Liver	Hepatodiaphragmatic Nodule Inflammation	Granulomatous, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-6]		
Lung	Interstitial Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular
-------------------------	------------------------

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular
-------------------------	------------------------

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Intestine Large, Rectum	Infiltration Cellular	Histiocyte, Minimal
Liver	Inflammation	Granulomatous, Minimal
Lymph Node, Mandibular	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum

OBSERVATIONS

Intestine Large, Cecum		Infiltration Cellular	Histiocyte, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular
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OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100	TRT#: 8	SEX: Female	DAY ON TEST: 93
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Rectum	Lymph Node, Mandibular
-------------------------	------------------------

OBSERVATIONS

Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mesenteric	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Foreign Body	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Interstitium	Inflammation	Chronic, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mandibular	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Mild Chronic Active, Minimal Chronic, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lung	Lymph Node, Mesenteric	Spleen
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OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Minimal
Liver		Inflammation	Granulomatous, Mild
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mandibular	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Mild Chronic Active, Minimal Chronic, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mandibular	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Minimal Chronic Active, Minimal Chronic, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Interstitialium	Inflammation	Chronic, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mandibular	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Minimal Chronic Active, Minimal Chronic, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Interstitialium	Inflammation	Chronic, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Liver	Lymph Node, Mandibular	Spleen
--------	-------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Minimal Chronic Active, Minimal Chronic, Minimal
Lung Lymph Node, Mesenteric	Alveolus	Infiltration Cellular Infiltration Cellular	Histiocyte, Minimal Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mandibular	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mandibular	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Mild Chronic Active, Minimal Chronic, Minimal
Liver		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 500 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Lymph Node, Mesenteric	Spleen
--------	------------------------	--------

OBSERVATIONS

Intestine Large, Rectum		Infiltration Cellular Inflammation	Histiocyte, Mild Chronic Active, Minimal
Liver		Inflammation	Granulomatous, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:54

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Heart
- * Intestine Small, Ileum
- * Nose
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

- * Adrenal Medulla
- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Jejunum
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Blood Vessel
- * Clitoral Gland
- * Intestine Large, Colon
- * Islets, Pancreatic
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Bone
- * Esophagus
- * Intestine Small, Duodenum
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

OBSERVATIONS

* Intestine Large, Rectum

Infiltration Cellular
Inflammation
Ulcer

Histiocyte, Mild
Chronic Active, Mild
Chronic, Minimal

* Kidney

Renal Tubule

Vacuolization Cytoplasmic
Inflammation

Minimal
Granulomatous, Mild

* Liver

Midzonal

Vacuolization Cytoplasmic

Minimal

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Mandibular

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:54

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
* Lung		Hematopoietic Cell Proliferation	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Interstitium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 12
DOSE: 1000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 9603454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10]			
* Spleen	Capsule	Inflammation	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:54

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Rectum		Infiltration Cellular Inflammation Ulcer	Histiocyte, Mild Chronic Active, Minimal Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Lung	Alveolus Interstitialium	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:54

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Cecum		Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Midzonal	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/19/2014
Time Report Requested: 16:05:54
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118	TRT#: 12	SEX: Female	DAY ON TEST: 93
	DOSE: 1000 MG/KG	DISP: Terminal Sacrifice	HISTO: 9603458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:54

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Mild
	Midzonal	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 88122-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Elmiron (sodium pentosanpolysulfate)

CAS Number: 37319-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:05:54

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Intestine Large, Rectum		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Chronic, Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Midzonal	Inflammation	Granulomatous, Mild
	[Hepatodiaphragmatic Nodule TGLS = 1-11]	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Interstitialium	Inflammation	Chronic, Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE