Test Type: 14-DAY Test Compound: p-Toluenesulfonamide **CAS Number:** 70-55-3 Route: DOSED FEED Species/Strain: Rat/F344/N Tac C20301 C Number: Not Entered. Lock Date: **Cage Range:** ΑII **Date Range:** ΑII **Reasons For Removal:** ΑII **Removal Date Range:** ΑII

ΑII

Both

NONE

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

Experiment Number: 20301-01

Treatment Groups:

PWG Approval Date

Study Gender:

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

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

Test Compound: p-Toluenesulfonamide **CAS Number:** 70-55-3

Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

Route: DOSED FEED

F344/N Tac Rat Male VEHICLE CONTROL	DAY ON TEST	0 0 1 5 0 0 0 0	0 0 1 5 0 0 0 0	0 0 1 5 0 0 0 0 0 3	0 0 1 5 0 0 0 0 4	0 0 1 5 0 0 0 0 5	*TOTALS
Alimentary System		ı		_ 3	4		TOTALO
Liver Cardiovascular System		+	+	+	+	+	5
Heart Endocrine System		+	+	+	+	+	5
NONE General Body System							
NONE Genital System							
Testes Hematopoietic System		+	+	+	+	+	5
Thymus Integumentary System		+	+	+	+	+	5
NONE Musculoskeletal System							
NONE							

+ ..Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present I .. Insufficient tissue

Nervous System

NONE

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

Route: DOSED FEED

F344/N Tac Rat Male VEHICLE CONTROL	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5			
	ANIMAL ID	0 0 0 0	0 0 0 2	0 0 0 3	0 0 0 4	0 0 0 5	*TC	ΣТΑ	LS
Respiratory System									
Lung		+	+	+	+	+	5		
Alveolar Epith, Hyperplasia	, Focal				1			1	1.0
Hyperplasia, Focal				1				1	1.0
Special Senses System									
NONE Urinary System									

M .. Missing tissue

X ..Lesion present

Kidney

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..}Tissue examined microscopically

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY **Test Compound:** p-Toluenesulfonamide **CAS Number:** 70-55-3

Route: DOSED FEED

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Male **750 PPM**

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Male **750 PPM**

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

A .. Autolysis precludes evaluation

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Male 1500 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

2) Mild 4) Marked

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Test Type: 14-DAY Route: DOSED FEED

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Male 1500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Male 3000 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

2) Mild 4) Marked

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Test Type: 14-DAY Route: DOSED FEED

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Male 3000 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

 $\textbf{Test Compound:} \ \textbf{p-Toluene sulfon a mide}$

Route: DOSED FEED CAS Number: 70-55-3

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

Lab: MBA

F344/N Tac Rat Male 10000 PPM

DAY ON TEST	0	0	0	0	0
2711 011 1201	Ö	Ö	Ö	Ö	Ŏ
	1	1	1	1	1
	5	5	5	5	5
V V III V V V I I I I	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	0 2 5
	1	2	3	4	5

*TOTALS

Alimentary System

Liver + + + + +

Cardiovascular System

Heart + + + + + !

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + +

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precidues evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: 14-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Route: DOSED FEED

Species/Strain: Rat/F344/N Tac

F344/N Tac Rat Male 10000 PPM

DAY ON TEST	0	0	0	0	0	•
	1 5	1 5	1 5	1 5	1 5	
ANIMAL ID	U	0	0 0	0 0	0 0	
	0 2 1	2 2	2	2 4	2 5	

*TOTALS

Respiratory System

Lung

Special Senses System

NONE

Urinary System

Kidney

M .. Missing tissue

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

X ..Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

Route: DOSED FEED

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

F344/N Tac Rat Male 30000 PPM	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0 2 6	0 0 1 5 0 0 0 2 7	0 0 1 5 0 0 0 2 8	0 0 1 5 0 0 0 2 9	0 0 1 5 0 0 0 3 0	*TOTALS
Alimentary System							
Liver Cardiovascular System		+	+	+	+	+	5
Heart Endocrine System		+	+	+	+	+	5
NONE General Body System							
NONE Genital System							
Testes Hematopoietic System		+	+	+	+	+	5
Thymus Integumentary System		+	+	+	+	+	5
NONE Musculoskeletal System							
NONE Nervous System							

M .. Missing tissue

NONE

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

D

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

-

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

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

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F344/N Tac

F344/N Tac Rat Male 30000 PPM

AY ON TEST	0	0	0	0	0	1
AT ON IEST	0	0	0	0	U	l
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	
	0	0	0	0 2 9	0	
	0 2 6	0 2	2 8	2	3	
	6	7	8	9	0	

*TOTALS

Respiratory System

Lung + + + + + 5

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

END OF MALE DATA

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED **CAS Number:** 70-55-3

5

0 0

0 0

3

0 0 0 0 0

0

3

5

Õ

0

3 5 3

Species/Strain: Rat/F344/N Tac

VEHICLE CONTROL

Test Type: 14-DAY

Lab: MBA DAY ON TEST 0 0 0 0 0 0 F344/N Tac Rat Female *1* 5 *1* 5 *1* 5

*TOTALS

Alimentary System

Liver 5

ANIMAL ID

Cardiovascular System

Heart

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Route: DOSED FEED Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

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

F344/N Tac Rat Female VEHICLE CONTROL	AY ON TEST	0 0 1 5 0 0	0 0 1 5 0 0	0 0 1 5 0 0	0 0 1 5 0 0	0 0 1 5 0 0			
		3 1	3 2	3 3	3 4	3 5	*T(ATC	LS_
Respiratory System									
Lung		+	+	+	+	+	5		
Alveolar Epith, Hyperplasia, Foo	cal			1				1	1.0
Special Senses System									
NONE									
Urinary System									
Kidney		+	+	+	+	+	5		

M .. Missing tissue

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..}Tissue examined microscopically

X ..Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

Experiment Number: 20301-01

DAY ON TEST

F344/N Tac Rat Female 750 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Female **750 PPM**

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

Experiment Number: 20301-01

DAY ON TEST

F344/N Tac Rat Female 1500 PPM

ANIMAL ID

*TOTALS

Alimentary System

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

2) Mild 4) Marked

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: MBA

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Female 1500 PPM

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED CAS Number: 70-55-3

Species/Strain: Rat/F344/N Tac

Experiment Number: 20301-01

DAY ON TEST

F344/N Tac Rat Female 3000 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

2) Mild 4) Marked

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

CAS Number: 70-55-3

Route: DOSED FEED

Test Type: 14-DAY

Species/Strain: Rat/F344/N Tac

DAY ON TEST

F344/N Tac Rat Female 3000 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED **CAS Number:** 70-55-3

Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

DAY ON TEST 0 0 0 0 0 0 F344/N Tac Rat Female *1* 5 *1* 5 *1* 5 5 5 0 0 0 0 0 ANIMAL ID Ō Õ 0 0 0 5 2 0 0 5 1 0 0 5 3 5 5 5

*TOTALS

Alimentary System

10000 PPM

Liver 5

Cardiovascular System

Heart

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

Route: DOSED FEED Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

CAS Number: 70-55-3

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST	0	0	0
F344/N Tac Rat Female 10000 PPM	0	0	0
r344/IN Tac Rat Felliale	1	1	1
10000 PPM	5	5	5
ΔΝΙΜΔΙ ΙΤ	0	0	0

0

1 5 *1* 5 0 0 0 5 5 0 0 5 2 0 5 1 0 5 3 0 5 4

0 0

*TOTALS

Respiratory System

Lung Alveolar Epith, Hyperplasia, Focal 2 1 2.0

Special Senses System

NONE

Urinary System

Kidney

M .. Missing tissue

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 20301-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

Test Type: 14-DAY Route: DOSED FEED **CAS Number:** 70-55-3

Species/Strain: Rat/F344/N Tac

DAY ON TEST 0 0 0 0 0 0 F344/N Tac Rat Female *1* 5 *1* 5 *1* 5 5 5 30000 PPM 0 0 0 0 0 0 0 5 7 ANIMAL ID Õ 0 0 0 5 6 0 0 0 5 8 5 9 6

*TOTALS

Alimentary System

Liver 5

Cardiovascular System

Heart

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014 Time Report Requested: 15:05:38

First Dose M/F: NA / NA

Lab: MBA

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 20301-01 P09: NON-NE

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: p-Toluenesulfonamide

Species/Strain: Rat/F344/N Tac

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: 70-55-3

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 15:05:38

First Dose M/F: NA / NA

F344/N Tac Rat Femalo	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
	ANIMAL ID	0 0 0 5 6	00057	00058	00059	00060	*TOTALS_
Respiratory System							
Lung		+	+	+	+	+	5
Special Senses System							
NONE							
Urinary System							
Kidney		+	+	+	+	+	5 ** END OF REPORT **

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically