

Experiment Number: 20301-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F344/N Tac

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

C Number:	C20301
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20301-01
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 First Dose M/F: NA / NA
 Lab: MBA

**F344/N Tac Rat Male
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	2	3	4	5

***TOTALS**

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + + 5

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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F344/N Tac Rat Male
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Respiratory System

Lung	+	+	+	+	+	5	
Alveolar Epith, Hyperplasia, Focal				1		1	1.0
Hyperplasia, Focal			1			1	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

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

+ ..Tissue examined microscopically

X ..Lesion present

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Date Report Requested: 10/22/2014
Time Report Requested: 15:05:38
First Dose M/F: NA / NA
Lab: MBA

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

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
750 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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Date Report Requested: 10/22/2014
Time Report Requested: 15:05:38
First Dose M/F: NA / NA
Lab: MBA

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

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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DAY ON TEST

F344/N Tac Rat Male
1500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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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

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

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

+ ..Tissue examined microscopically

X ..Lesion present

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Lab: MBA

DAY ON TEST

F344/N Tac Rat Male
3000 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

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 Lab: MBA

**F344/N Tac Rat Male
 10000 PPM**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	2	2	2	2	2	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + + 5

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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

F344/N Tac Rat Male
10000 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
	1	2	3	4	5
	*TOTALS				

Respiratory System

Lung + + + + + 5

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

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 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

F344/N Tac Rat Male
30000 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	3
	6	7	8	9	0
	*TOTALS				

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

Testes + + + + + 5

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

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

F344/N Tac Rat Male
30000 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	3
	6	7	8	9	0
	*TOTALS				

Respiratory System

Lung + + + + + 5

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

END OF MALE DATA

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

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Requested: 10/22/2014
 Time Report Requested: 15:05:38
 First Dose M/F: NA / NA
 Lab: MBA

F344/N Tac Rat Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	*TOTALS
		0	0	0	0	0	
	1	1	1	1	1	1	
	5	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	0	
	0	0	0	0	0	0	
	0	0	0	0	0	0	
	3	3	3	3	3	3	
	1	2	3	4	5	5	

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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 Lab: MBA

F344/N Tac Rat Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	3	3	3	3	3		
	1	2	3	4	5	*TOTALS	

Respiratory System

Lung	+	+	+	+	+	5	
Alveolar Epith, Hyperplasia, Focal			1			1	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

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

+ ..Tissue examined microscopically

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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

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

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

+ ..Tissue examined microscopically

X ..Lesion present

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

DAY ON TEST

F344/N Tac Rat Female
750 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

+ ..Tissue examined microscopically

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M ..Missing tissue

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Date Report Requested: 10/22/2014
Time Report Requested: 15:05:38
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
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

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Lab: MBA

DAY ON TEST

F344/N Tac Rat Female
1500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

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Time Report Requested: 15:05:38
First Dose M/F: NA / NA
Lab: MBA

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

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DAY ON TEST

F344/N Tac Rat Female
3000 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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 Lab: MBA

F344/N Tac Rat Female 10000 PPM	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
	1	1	1	1	1	1
	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	5	5	5	5	5	5
	1	2	3	4	5	5
						*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

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First Dose M/F: NA / NA

Lab: MBA

F344/N Tac Rat Female 10000 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	5	5	5	5	5		
	1	2	3	4	5	*TOTALS	

Respiratory System

Lung	+	+	+	+	+	5	
Alveolar Epith, Hyperplasia, Focal				2		1	2.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20301-01
 Test Type: 14-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F344/N Tac

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

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

Alimentary System

Liver + + + + + 5

Cardiovascular System

Heart + + + + + 5

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + + + 5

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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		0	0	0	0	0	
		1	1	1	1	1	
		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
	0	0	0	0	0		
	5	5	5	5	6		
	6	7	8	9	0		
						*TOTALS	

Respiratory System

Lung + + + + + 5

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

**** END OF REPORT ****

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