Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

NTP Study Number: C20534

Lock Date: 07/19/2010

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Male

TDMSE Version: 3.0.2.3_002

PWG Approval Date: NONE

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

	Y ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1		
FISCHER 344-TACONIC RA	IS MALE	1 6	6	6	6	6		
vehicle control	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	* TC	TALS
ALIMENTARY SYSTEM								
NONE								
CARDIOVASCULAR SYSTE	M							
NONE								
ENDOCRINE SYSTEM								
NONE								
GENERAL BODY SYSTEM								
NONE								
GENITAL SYSTEM								
NONE								
HEMATOPOIETIC SYSTEM								
Lymph Node, Bronchial		+	М	+	+	+		4
Lymph Node, Mediastinal		М	+	+	М	+		3
INTEGUMENTARY SYSTEM	1							
NONE								

MUSCULOSKELETAL SYSTEM

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

DAY OF THE CONTRACT OF THE CON	N TEST 0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	
vehicle control AN	IMAL ID 0 0 0 0 0 0 0 1	0 0	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	* TOTA
NONE						
NERVOUS SYSTEM						
NONE						
RESPIRATORY SYSTEM						
Larynx	+	+	+	+	+	5
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
NONE						
URINARY SYSTEM						
NONE						
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

DAY ON TEST FISCHER 344-TACONIC RATS MAL	1 7	0 0 1 6	0 0 1 6	0	0 0 1 6	
3 mg/m3 ANIMAL IE	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 2 0	0 0 2 0 5	* TOTA
ALIMENTARY SYSTEM						
Liver	+					1
CARDIOVASCULAR SYSTEM						
NONE						
ENDOCRINE SYSTEM						
NONE						
GENERAL BODY SYSTEM						
NONE						
GENITAL SYSTEM						
NONE						
HEMATOPOIETIC SYSTEM						
Lymph Node, Bronchial	М	+	М	+	М	2
Lymph Node, Mediastinal	М	+	+	+	+	4
INTEGUMENTARY SYSTEM						
NONE						

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

DAY ON T	'	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	
3 mg/m3 ANIMA	L ID 0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 2 0 5	* TOTALS
NONE						
NERVOUS SYSTEM			•			
NONE						
RESPIRATORY SYSTEM						
Larynx	+	+	+	+	+	5
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
NONE						
URINARY SYSTEM						
NONE						
SYSTEMIC LESIONS		,				
Multiple Organ	+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

		_	_	_	1	
DAY ON TEST FISCHER 344-TACONIC RATS MALE	0 0 1 6		0	0	0 0 1 6	
15 mg/m3 ANIMAL ID	0 0 4 0 1	0 0 4 0 2	0 4 0	0 4 0	0 0 4 0 5	* TOTAI
ALIMENTARY SYSTEM		1	•	•	•	
NONE						
CARDIOVASCULAR SYSTEM			•			
NONE						
ENDOCRINE SYSTEM		•				
NONE						
GENERAL BODY SYSTEM						
NONE						
GENITAL SYSTEM						
NONE						
HEMATOPOIETIC SYSTEM						
Lymph Node, Bronchial	+	М	M	l M	+	2
Lymph Node, Mediastinal	М	М	+	+	+	3
INTEGUMENTARY SYSTEM				-	-	
NONE						

MUSCULOSKELETAL SYSTEM

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

DAY OF	ON TEST	1	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	
15 mg/m3	NIMAL ID	0 4 0	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	* TOTAL
NONE							
NERVOUS SYSTEM		•	-	-			
NONE							
RESPIRATORY SYSTEM							
Larynx		+	+	+	+	+	5
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
SPECIAL SENSES SYSTEM			-				
NONE							
URINARY SYSTEM			-				
NONE							
SYSTEMIC LESIONS							
Multiple Organ		_	_	_	+	+	5

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

	_		Τ,		
DAY ON TEST	0	0 0 1	0 0 1	0 0 1	
FISCHER 344-TACONIC RATS MALE	6	6	6	6	
30 mg/m3 ANIMAL ID	0	0	0	0	
ANIWALID	6 0	6 0	6 0	6 0	
	1	2	3	4	 * TOTALS
ALIMENTARY SYSTEM					
NONE		•	•	_	
CARDIOVASCULAR SYSTEM					
NONE			_		
ENDOCRINE SYSTEM					
NONE		-			
GENERAL BODY SYSTEM					
NONE					
GENITAL SYSTEM					
NONE					
HEMATOPOIETIC SYSTEM					
Lymph Node, Bronchial	+	+	+	+	4
Lymph Node, Mediastinal	+	+	М	+	4
INTEGUMENTARY SYSTEM					
NONE					

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (crushed glass)

CAS Number: CRUSHEDGLASS

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 06/12/06 / NA

Lab: BNW

DAY ON TEST FISCHER 344-TACONIC RATS MALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1	0 0 1	
30 mg/m3 ANIMAL ID	0 0 6 0 1	0 0 6 0 2	0 0 6 0 3	6 0 0 6 0 4	6 0 0 6 0 5	* TOTALS
NONE	1					TOTAL
NERVOUS SYSTEM						
NONE						
RESPIRATORY SYSTEM						
Larynx	+	+	+	+	+	5
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM				-		
NONE						
URINARY SYSTEM						
NONE						
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

*** END OF REPORT ***

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation