Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

NTP Study Number:	C20533
Lock Date:	07/06/2006
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

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

		0	0	0	0 0		
FISCHER 344 RATS MAL	DAY ON TEST E	0	0	0	0 0 1 1		
0 mg/m3	ANIMAL ID	6 0 0 0 0 1	6 0 0 0 2	0 0 0 0	6 6 0 0 0 0 0 0 0 0 4 5	* TOTAI	IS
ALIMENTARY SYSTEM			1 1				
NONE							
CARDIOVASCULAR SYS	ТЕМ						
NONE							
ENDOCRINE SYSTEM							
NONE							
GENERAL BODY SYSTE	Μ						
NONE							
GENITAL SYSTEM							
NONE							
HEMATOPOIETIC SYSTE	M						
Lymph Node, Bronchial		+	+	+	+ +	5	
Lymph Node, Mediastinal		+	+	+	+ +	5	
INTEGUMENTARY SYST	EM						
NONE							

## MUSCULOSKELETAL SYSTEM

\* .. 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

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	
0 mg/m3 ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0	0 0 0 0 4	0 0 0 0 5	* TOTALS
NONE						
NERVOUS SYSTEM						
NONE						
	_					
RESPIRATORY SYSTEM						
RESPIRATORY SYSTEM	+	+	+	+	+	5
RESPIRATORY SYSTEM Larynx Lung	+	++	+	+++	++	5 5
Larynx				+		

# SPECIAL SENSES SYSTEM

NONE

### **URINARY SYSTEM**

NONE

 $^{\star}$  .. 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

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

FISCHER 344 RATS MAL	DAY ON TEST <b>_E</b>	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
3 mg/m3	ANIMAL 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		
ALIMENTARY SYSTEM		'	2	3	4	5	······································	* TOTALS
Liver Hepatodiaphragmatic Nodule			+ X	+ X				2 2
CARDIOVASCULAR SYS	STEM	•	•	•				
NONE								
ENDOCRINE SYSTEM		-		-				
NONE								
GENERAL BODY SYSTE	M							
NONE								
GENITAL SYSTEM								
NONE								
HEMATOPOIETIC SYSTE	EM							
Lymph Node, Bronchial		+	+	+	+	+		5
Lymph Node, Mediastinal		+	М	+	+	+		4
INTEGUMENTARY SYST	EM							

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

### **P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Abrasive blasting agents (garnet) CAS Number: GARNET

Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
3 mg/m3 ANIMAL ID	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 2 0	0 0 2 0 5	* T	OTALS
MUSCULOSKELETAL SYSTEM					-		
NONE							
NERVOUS SYSTEM							
NONE							
RESPIRATORY SYSTEM							
Larynx	+	+	+	+	+	5	
Lung	+	+	+	+	+	5	• • •
Inflammation, Chronic Active Pigmentation	2 1	1	1	2 1	1		2 2.0 5 1.0
Nose	+	+	÷	+	+	5	
Trachea	+	+	+		+	5	

# SPECIAL SENSES SYSTEM

NONE

## **URINARY SYSTEM**

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

DAY ON TEST	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6	0 0 1 6		
<b>15 mg/m3</b> ANIMAL ID	0	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	*	TOTALS
ALIMENTARY SYSTEM		1	1				
Liver		+					1
CARDIOVASCULAR SYSTEM							
NONE							
ENDOCRINE SYSTEM							
NONE							
GENERAL BODY SYSTEM							
NONE							
GENITAL SYSTEM							
NONE							
HEMATOPOIETIC SYSTEM							
Lymph Node, Bronchial	+	+	+	+	+		5
Lymph Node, Mediastinal	+	+	+	+	+	ł	5
INTEGUMENTARY SYSTEM			-				
NONE							

### MUSCULOSKELETAL SYSTEM

\* .. 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

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

DAY FISCHER 344 RATS MALE	ON TEST	0 0 1 6	0 0 1 6	0 0 1 6	1	0 0 1 6		
15 mg/m3	ANIMAL ID	0 0 4 0 1	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	- * T(	DTALS
NONE								
NERVOUS SYSTEM				-				
NONE								
RESPIRATORY SYSTEM								
Larynx		+	+	+	+	+	5	
Lung Inflammation, Chronic Active Pigmentation		+ 1 2	+ 1 2	+ 1 2	+ 2 2	+ 1 2	5	5 1.2 5 2.0
Nose		+	+	+	+	+	5	
							5	

# SPECIAL SENSES SYSTEM

NONE

### **URINARY SYSTEM**

NONE

 $^{\star}$  .. 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

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

					1		
	DAY ON TEST	0	0	0	0	0	
FISCHER 344 RATS MALE	E	1 6	1 6	1 6	1 6	1 6	
30 mg/m3		0	0	0	0 0	0	
	ANIMAL ID	6 0	6	0 6 0	6 0	6 0	
		1	0 2	0 3	4	5	* TOTALS
ALIMENTARY SYSTEM							
NONE							
CARDIOVASCULAR SYST	TEM						
NONE				-			
ENDOCRINE SYSTEM							
NONE							
GENERAL BODY SYSTEM	И						
NONE							
GENITAL SYSTEM							
NONE							
HEMATOPOIETIC SYSTE	М						
Lymph Node, Bronchial		М	+	+	+	+	4
Lymph Node, Mediastinal		+	М	+	+	+	4
INTEGUMENTARY SYSTE	EM			-	-		
NONE							

### **MUSCULOSKELETAL SYSTEM**

\* .. 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

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Abrasive blasting agents (garnet) CAS Number: GARNET Date Report Requested: 04/05/2018 Time Report Requested: 14:36:02 First Dose M/F: 02/27/06 / NA Lab: BNW

DAY FISCHER 344 RATS MALE	Y ON TEST	0 0 1 6	0 0 1 6	0 0 1 6	1	0 0 1 6		
<b>30 mg/m3</b>	ANIMAL ID	0 0 6 0 1	0 0 6 0 2	0 0 6 0 3	06	0 0 6 0 5	* T	OTALS
NONE								
NERVOUS SYSTEM		-	-				·	
NONE								
RESPIRATORY SYSTEM								
Larynx		+	+	+	+	+	5	
Lung		+	+	+	+	+	5	
Inflammation, Chronic Active Pigmentation		2 2	2 2	3 2		2 2		5 2.4 5 2.0
Nose		+	+	+	+	+	5	
NOSE								

### SPECIAL SENSES SYSTEM

NONE

## **URINARY SYSTEM**

NONE

# \*\*\* END OF REPORT \*\*\*

\* .. 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