

Experiment Number: 20536 - 01

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 04/05/2018

Test Type: 14-DAY

Abrasive Blasting Agents: Specular Hematite

Time Report Requested: 14:35:42

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: HEMATITESPEC

First Dose M/F: 08/14/06 / NA

Species/Strain: RATS/F344/N Tac

Lab: BNW

NTP Study Number: C20536
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

Experiment Number: 20536 - 01

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Date Report Requested: 04/05/2018

Test Type: 14-DAY

Abrasive Blasting Agents: Specular Hematite

Time Report Requested: 14:35:42

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: HEMATITESPEC

First Dose M/F: 08/14/06 / NA

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS MALE

0 mg/m3

3 mg/m3

15 mg/m3

30 mg/m3

60 mg/m3

Disposition Summary

Animals Initially In Study

5

5

5

5

5

Early Deaths

Survivors

Terminal Sacrifice

5

5

5

5

5

Animals Examined Microscopically

5

5

5

5

5

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial

(3)

(1)

(2)

(1)

(2)

Lymph Node, Mediastinal

(5)

(5)

(3)

(3)

(5)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: 14-DAY

Abrasive Blasting Agents: Specular Hematite

Time Report Requested: 14:35:42

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: HEMATITESPEC

First Dose M/F: 08/14/06 / NA

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS MALE

0 mg/m3

3 mg/m3

15 mg/m3

30 mg/m3

60 mg/m3

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

	0 mg/m3	3 mg/m3	15 mg/m3	30 mg/m3	60 mg/m3
Larynx	(5)	(5)	(5)	(5)	(5)
Lung	(5)	(5)	(5)	(5)	(5)
Foreign Body		5 [1.0]	5 [2.0]	5 [2.2]	5 [3.0]
Inflammation, Chronic Active		1 [3.0]			
Alveolus, Infiltration Cellular, Histiocyte			2 [1.0]	5 [1.2]	5 [2.0]
Nose	(5)	(5)	(5)	(5)	(5)
Goblet Cell, Nasopharyngeal Duct, Hypertrophy				1 [1.0]	5 [1.0]
Trachea	(5)	(5)	(5)	(5)	(5)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Experiment Number: 20536 - 01

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 04/05/2018

Test Type: 14-DAY

Abrasive Blasting Agents: Specular Hematite

Time Report Requested: 14:35:42

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: HEMATITESPEC

First Dose M/F: 08/14/06 / NA

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS MALE

0 mg/m3

3 mg/m3

15 mg/m3

30 mg/m3

60 mg/m3

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)