Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

C96011 C Number:

02/05/2001 Lock Date:

Cage Range: ΑII

Date Range: ΑII

Reasons For Removal: ΑII

Removal Date Range: ΑII

Treatment Groups: ΑII

Study Gender: Both

PWG Approval Date NONE

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene **CAS Number:** 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene

Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

Species/Strain: Rat/F 344/N

Lab: BNW

Date Report Requested: 10/21/2014

Time Report Requested: 20:09:17

First Dose M/F: NA / NA

	DAY ON TEST	0	0
F 344/N Rat Male		0	0
CONTROL		<i>1 7</i>	7
	ANIMAL ID	0	0
	AMIMALID	0	0
		0	0
		0	0
		1	2

*TOTALS

0 0 0

0 *1 7*

0 0 0

0 0

0 3 Ō

0 0

0 0

1 7 1 7

Alimentary System

Liver 5

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

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: Cumene

CAS Number: 98-82-8

Test Type: 14-DAY **Route:** RESPIRATORY EXPOSURE WHOLE BODY

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

	DAY ON TEST	0	0	0	0	0			
F 344/N Rat Male CONTROL		1 7	<i>1</i> 7	<i>1</i> 7	<i>1</i> 7	<i>1</i> 7			
	ANIMAL ID	0 0 0	0 0	0 0 0	0 0	0 0			
		0	0 2	0 3	0 4	0 5	*TC	ΤΑ	LS
Respiratory System									
Lung		+	+	+	+	+	5		
Alveolus, Infiltration Cellula	ar, Histiocyte		1					1	1.0
Nose		+	+	+	+	+	5		
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

^{* ..}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 **Route:** RESPIRATORY EXPOSURE WHOLE BODY

Test Compound: Cumene CAS Number: 98-82-8

First Dose M/F: NA / NA

Date Report Requested: 10/21/2014

Time Report Requested: 20:09:17

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Male 250 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIIMAL ID	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	2	2	2	2	2
	0	0	0	0	0
	1	2	3	4	5

*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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: Cumene

CAS Number: 98-82-8

Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/21/2014

Time Report Requested: 20:09:17

F 344/N Rat Male 250 PPM	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7				
	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	*7	гот	ΑL	_S_
Respiratory System										
Larynx					+		1			
Lung				+			1			
Alveolus, Hemorrhage				1				1		1.0
Special Senses System										
NONE										
Urinary System										
Kidney		+	+	+	+	+	5			
Cortex, Renal Tubule, Accu Droplet	ımulation, Hyaline	1	1			2		3	}	1.3

M .. Missing tissue

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

X ..Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Compound: Cumene CAS Number: 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Male 500 PPM

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIIMAL ID	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	4	4	4	4	4
	0	0	0	0	0
	1	2	3	4	5

*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

2) Mild

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

Route: RESPIRATORY EXPOSURE WHOLE BODY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene **CAS Number:** 98-82-8

Test Type: 14-DAY

Species/Strain: Rat/F 344/N

DAY ON TEST 0 0 0 0 0 0 F 344/N Rat Male *1 7 1 7 1 7* **500 PPM** 0 0 0 0 0 ANIMAL ID Õ 0 0 4 0 5 4 0 1 4 4 4 0 0 3 Ó

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney 2 1.5 Cortex, Renal Tubule, Accumulation, Hyaline 2

Droplet

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: 10/21/2014

Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

^{* ..}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: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014

Time Report Requested: 20:09:17

Lab: BNW

First Dose M/F: NA / NA

Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

F 344/N Rat Male
1000 PPM

DAY ON TEST	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	6	6	6	6	6
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Alimentary System

Liver + + + + 5
Hepatodiaphragmatic Nodule X

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

+ .. 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

2) Mild 4) Marked

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

Route: RESPIRATORY EXPOSURE WHOLE BODY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male 1000 PPM

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
A N I I M A A I I I D	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	6	6	6	6	6
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

NONE

Respiratory System

Lung

Special Senses System

NONE

Urinary System

Kidney

3 1.0 Cortex, Renal Tubule, Accumulation, Hyaline

Droplet

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 Compound: Cumene **CAS Number:** 98-82-8 Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male	DAY ON TEST	0	0	0	0	0	
2000 PPM		<i>0 2</i>	<i>1 7</i>	<i>1 7</i>	<i>1 7</i>	0 4	
2000 1 1 111	ANIMAL ID	0	0	0	0	0	
		8 0 1	8 0 2	8 0 3	8 0 4	8 0 5	*TOTALS

Alimentary System

Liver 2 1 3 1.7 Congestion Hemorrhage, Focal 1 3.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal 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

2) Mild

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

Route: RESPIRATORY EXPOSURE WHOLE BODY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: Cumene **CAS Number:** 98-82-8

Time Report Requested: 20:09:17

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Male 2000 PPM	DAY ON TEST	0 0 0 2	0 0 1 7	0 0 1 7	0 0 1 7	0 0 0 4	
2000 1 1 111	ANIMAL ID	0 0 8 0 1	0 0 8 0 2	0 0 8 0 3	0 0 8 0 4	0 0 8 0 5	

*TOTALS

Nervous System

NONE

Respiratory System

, -,								
Lung	+	+	+	+	+	5	2	2.0
Alveolus, Inflammation, Suppurative		2		2			2	2.0
Nose	+	+	+	+	+	5		
Special Senses System								
NONE								
Urinary System								
Kidney	+	+	+	+	+	5		
Cortex, Renal Tubule, Accumulation, Hyaline Droplet				1			1	1.0
Hemorrhage, Focal					3		1	3.0
Urinary Bladder	+					1		
Muscularis, Hemorrhage	4						1	4.0

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene

Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N	Rat	Male
4000 PP	M	

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

*TOTALS

Alimentary System

Liver + + + + + + Stomach, Forestomach + + + + + + + Stomach, Glandular + + + + + +

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal 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

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

Experiment Number: 96011-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene CAS Number: 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N	Rat	Male
4000 PP	M	

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

*TOTALS

.0

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	5		
Alveolus, Edema				1	1		2	1.
Alveolus, Inflammation, Suppurative	1	1					2	1.
Nose	+	+	+	+	+	5		

Special Senses System

NONE

Urinary System

END OF MALE DATA

+ .. 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Compound: Cumene CAS Number: 98-82-8

Time Report Requested: 20:09:17

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F	344/N	Rat	Female
C	ONTR	OL	

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
AMIMALID	0	0	0	0	0	
	1	1	1	1	1	
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Alimentary System

Liver + + + + 5
Hepatodiaphragmatic Nodule X

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

+ .. 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Test Compound: Cumene **CAS Number:** 98-82-8

Time Report Requested: 20:09:17

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female

Species/Strain: Rat/F 344/N

DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

NONE

CONTROL

Respiratory System

Lung Nose

Special Senses System

NONE

Urinary System

Kidney

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

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

^{+ ..} Tissue examined microscopically

Experiment Number: 96011-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Female 250 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 present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/21/2014

Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

4) Marked 2) Mild

Test Compound: Cumene

CAS Number: 98-82-8

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Test Compound: Cumene Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

CAS Number: 98-82-8

DAY ON TEST

F 344/N Rat Female 250 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: 10/21/2014

Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

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

^{+ ..} Tissue examined microscopically

Experiment Number: 96011-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Female **500 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: 10/21/2014

Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

4) Marked 2) Mild

Test Compound: Cumene

CAS Number: 98-82-8

^{* ..}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: Cumene

CAS Number: 98-82-8

Test Type: 14-DAY

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

Route: RESPIRATORY EXPOSURE WHOLE BODY

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

DAY ON TEST

F 344/N Rat Female 500 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

^{* ..}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
Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Compound: Cumene CAS Number: 98-82-8

Time Report Requested: 20:09:17 First Dose M/F: NA / NA

Date Report Requested: 10/21/2014

ist bose init . NA/

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Female 1000 PPM

DAY ON TEST	0	0	0	0	0
	1 7	1 7	1 7	1 7	1 7
ANIMAL ID	0	0	0	0	0
	7	7	7	7	7
	1	2	3	4	0 5

*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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Female
1000 PPM

DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
AINIIVIAL ID	0	0	0	0	0	
	7	7	7	7	7	
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Respiratory System

Lung

Hemorrhage 1 1.0

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

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

I .. Insufficient tissue

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 Compound: Cumene

CAS Number: 98-82-8

Test Type: 14-DAY **Route:** RESPIRATORY EXPOSURE WHOLE BODY

Time Report Requested: 20:09:17

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat	Female
2000 PPM	

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	0	0	1	0	1	
	4	3	7	2	7	
ANIIMAL ID	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	
	9	9	9	9	9	
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Alimentary System

Esophagus + 1
Liver + + + + 5
Hepatodiaphragmatic Nodule X

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal 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 Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

F 344/N	Rat	Female
2000 PP	M	

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	0	0	1	0	1
ANIMAL ID	4	3	7	2	7
	0	0	0	0	0
	0	0	0	0	0
	9	9	9	9	9
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Nervous System

NONE

Respiratory System

Larynx	+			Α		1		
Lung	+	+	+	+	+	5		
Alveolus, Inflammation, Suppurative		1	2				2	1.5
Hemorrhage	3						1	3.0
Infiltration Cellular, Histiocyte					2		1	2.0
Nose	+	+	+	+	+	5		
Inflammation, Suppurative				2			1	2.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5		
Capsule, Hemorrhage		3					1	3.0
Renal Tubule, Degeneration	3						1	3.0
Urinary Bladder				+		1		
Hemorrhage				2			1	2.0

M .. Missing 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

I .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene

CAS Number: 98-82-8

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Date Report Requested: 10/21/2014 Time Report Requested: 20:09:17

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Female
4000 PPM

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

*TOTALS

Alimentary System

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Cumene

Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: Rat/F 344/N

F 344/N Rat Female

Test Type: 14-DAY

CAS Number: 98-82-8

Date Report Requested: 10/21/2014 **Time Report Requested:** 20:09:17

First Dose M/F: NA / NA

Lab: BNW

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

*TOTALS

2.0

Nervous System

4000 PPM

NONE

Respiratory System

Larynx					+	1	
Lung	+	+	+	+	+	5	
Nose	+	+	+	+	+	5	
Pleura				+		1	
Inflammation, Acute				2			1

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

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

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