Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 10/22/2014 Time Report Requested: 13:41:18

First Dose M/F: NA / NA

Lab: BNW

C Number: C20303

Lock Date: 06/01/2005

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Lab: BNW

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:18

First Dose M/F: NA / NA

F 344/N Rat Male	DAY ON TEST	0 0	0 0	0	0 0	0 0	
CONTROL		7	7	7	7	7	
	ANIMAL ID	0	0	0	0	0	
		0 1	0 2	0 3	0 4	0 5	

Alimentary System

Liver + + + + +

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

*TOTALS

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

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY CAS Number: 75-35-4

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 1 7* **CONTROL** 0 0 0 0 0 0 0 2 ANIMAL ID 0 0 0 0 5 0 0 1 0 0 0 3 Ō *TOTALS **Respiratory System** Lung Alveolus, Infiltration Cellular, Histiocyte 1 1.0 Nose 5 **Special Senses System** Eye 5 **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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

^{* ..}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: Vinylidene chloride CAS Number: 75-35-4

Route: RESPIRATORY EXPOSURE WHOLE BODY

First Dose M/F: NA / NA

Time Report Requested: 13:41:19

Date Report Requested: 10/22/2014

Lab: BNW

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

	DAY ON TEST	0	0	
F 344/N Rat Male		0	0	
r 344/N Kat Wate		1	1	١.
25 PPM		7	0	
	ANIMAL ID	0	0	
	ANIIVIAL IDI		1 ^	Ι.

0 0

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5		
Centrilobular, Hepatocyte, Degeneration	3		2	3	3		4	2.8
Centrilobular, Necrosis		2					1	2.0
Pancreas		+				1		

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal 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

CAS Number: 75-35-4

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Male

Test Type: 14-DAY

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

*TOTALS

NONE

25 PPM

Nervous System

NONE

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 Compound: Vinylidene chloride CAS Number: 75-35-4

Route: RESPIRATORY EXPOSURE WHOLE BODY

Fire

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

Lab: BNW

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

	DAY ON TEST	0	0	0
F 344/N Rat Male		0	0	0
1 344/14 Ital Iviale		1	1	1
50 PPM		7	7	7
	V VIIVAVI ID	0	0	0
	ANIMAL ID	0	0	0
		1	1 1	1

*TOTALS

 $\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$

1 1 7 7

Alimentary System

Liver + + + + +

Centrilobular, Hepatocyte, Degeneration 3 3 3 3 5 3.0

0 0 0 0 0 1 2 3 4

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mediastinal +

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

^{* ..}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: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

CAS Number: 75-35-4

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

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

F 344/N	Rat	Male
50 PPM		

DAY ON TEST	0	0	0	0	0
	<i>1 7</i>				
ANIMAL ID	0	0	0	0	0
	4	4	4	4	4
	0 1	0	0 3	4	5

*TOTALS

NONE

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

Route: RESPIRATORY EXPOSURE WHOLE BODY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Lab: BNW

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

F 344/N Rat Male 100 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 6 0	0 0 6 0 2	0 0 6 0 3	0 0 6 0 4	0 0 6 0 5	*T(OTA	LS_
Alimentary System									
Liver		+	+	+	+	+	5		
Centrilobular, Hepatocyte, Infiltration Cellular, Mixed (J	3	3 2	3	3	3 2		5 2	3.0 2.0

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

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: Vinylidene chloride

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

F 344/N Rat Male

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

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	l
ANIIVIAL ID	0	0	0	0	0	l
	6	6	6	6	6	l
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Nervous System

NONE

100 PPM

Respiratory System

Lung Alveolus, Infiltration Cellular, Histiocyte	+	+	+	+	+ 1	5	1	1.0	
Nose Special Senses System	+	+	+	+	+	5			
Eye Urinary System	+	+	+	+	+	5			
Kidney	+	+	+	+	+	5			

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: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

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

^{+ ..} Tissue examined microscopically

Experiment Number: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

DAY ON TEST 0 0 0 0 0 0 0 0 F 344/N Rat Male 0 0 0 0 2 2 2 2 **200 PPM** 0 0 0 0 0 0 8 0 2 ANIMAL ID Ō 0 0 8 0 1 8 0 5 8 8 0 Ō

*TOTALS

Alimentary System

Liver + + + + + 5

Centrilobular, Necrosis 4 4 4 4 4 5 4.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Testes Hemorrhage Hematopoietic System	+ 1	1	1	1.0
Lymph Node	+	1		
Deep Cervical, Hemorrhage	3		1	3.0
lasta access and a mar Occasions				

Integumentary System

NONE

Musculoskeletal 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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

^{* ..}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: Vinylidene chloride

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N Rat Male 200 PPM	DAY ON TEST	0 0 0 2	0 0 0 2	0 0 0 2	0 0 0 2	0 0 0 2
	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

NONE

Nervous System

NONE

Respiratory System

+	+	+	+	+	5		
+	+	+	+	+	5		
+	+	+	+	+	5		
2	2					2	2.0
2	1					2	1.5
+	+	+	+	+	5		
3	3	3	4	3		5	3.2
+					1		
	+ 2 2 + 3	+ + 2 2 2 1 + + 3 3	+ + + + + + 2 2 2 1 + + + 3 3 3	+ + + + + + 2 2 2 2 1 1 + + + + 4 3 3 3 3 4	+ + + + + + + + + + + + + + + + + + +	+ + + + + + 5 + + + + + + 5 2 2 2 2 1 + + + + + + 5 3 3 3 4 3	+ + + + + + 5 + + + + + 5 2 2 2 2 2 1 2 2 2 2 2 2 3 3 3 4 3 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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

CAS Number: 75-35-4 Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

DAY ON TEST 0 0 0 0 0 0 0 0 F 344/N Rat Male 0 0 0 0 2 2 2 **400PPM** 0 0 0 0 0 ANIMAL ID 1 0 0 0 0 0 0 3 0 5 Ō 0 *TOTALS **Alimentary System** Liver Centrilobular, Necrosis 5 4.0 **Cardiovascular System** NONE **Endocrine System** NONE **General Body System** NONE **Genital System Testes** 2 Hemorrhage 1 2.0 **Hematopoietic System** Lymph Node, Mesenteric 3 Hemorrhage 1 3.0 Thymus 3 3 Hemorrhage 3.0 Necrosis, Lymphoid 2 2 2 2.0

M .. Missing tissue

A .. Autolysis precludes evaluation

Integumentary System

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

Lab: BNW

4) Marked 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

Experiment Number: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

0

0

0

2

0

1

0 5

2 2

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

DAY ON TEST 0 0 0 0 F 344/N Rat Male 0 0 2 2 **400PPM** 0 0 0 ANIMAL ID 0 0 2 0 0 0 0 3 0

*TOTALS

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Kidney

Respiratory System

Lung	+	+	+	+	+	5		
Hemorrhage		3					1	3.0
Nose	+	+	+	+	+	5		
Inflammation, Suppurative, Acute				2			1	2.0
Special Senses System								
Eye	+	+	+	+	+	5		
Antr Chamber, Inflammation, Acute		3					1	3.0
Cornea, Infiltration Cellular, Mononuclear CI, Focal		4					1	4.0
Urinary System								

END OF MALE DATA

+ .. Tissue examined microscopically

Papilla, Renal Tubule, Casts

M .. Missing tissue

4 2.5

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: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

Time Report Requested: 13:41:19

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female **CONTROL**

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

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

*TOTALS

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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Compound: Vinylidene chloride **CAS Number:** 75-35-4

Date Report Requested: 10/22/2014 Time Report Requested: 13:41:19

First Dose M/F: NA / NA

Lab: BNW

Species/Strain: Rat/F 344/N

F 344/N Rat Female	DAY ON TEST	0	0	0	0	0			
CONTROL		<i>1 7</i>							
	ANIMAL ID	0	0 0 1	0	0	0			
		1 0 1	0 2	1 0 3	1 0 4	1 0 5	*TC	ТА	LS
Respiratory System				•		•			
Lung		+	+	+	+	+	5		
Alveolus, Infiltration Cellula	ar, Histiocyte				1			1	1.0
Alveolus, Infiltration Cellula Focal	ar, Mixed Cell,		1					1	1.0
Nose		+	+	+	+	+	5		
Special Senses System									
Eye		+	+	+	+	+	5		
Urinary System									
Kidney		+	+	+	+	+	5		

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: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

Lab: BNW

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N	Rat	Female
25 PPM		

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	
AMINAL ID	U	0	0	0	0	
	3	3	3	3	3	
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Alimentary System

Liver

5 2.4 Centrilobular, Hepatocyte, Degeneration 1

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 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 Test Compound: Vinylidene chloride Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Lab: BNW

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

F 344/N	Rat	Female
25 PPM		

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 3 0	0 0 3 0 2	0 0 3 0 3	0 0 3 0 4	0 0 3 0 5

*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

CAS Number: 75-35-4

Date Report Requested: 10/22/2014 Time Report Requested: 13:41:19

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female 50 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 5 0 1	0 0 5 0 2	0 0 5 0 3	0 0 5 0 4	0 0 5 0 5

Alimentary System

Liver

3 5 3.0 Centrilobular, Hepatocyte, Degeneration

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mesenteric

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

+ .. Tissue examined microscopically

M .. Missing tissue

*TOTALS

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

2) Mild

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Experiment Number: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N Rat Female
50 PPM

DAY ON TEST
0
0
1
7
ANIMAL ID
0

0 0 0 0 0 0 *1 7 1 7 1 7* 0 0 0 0 0 5 0 1 0 0 5 0 2 0 5 0 5 0 5 5 0 3 Ō

*TOTALS

NONE

Respiratory System

 Lung
 +
 1

 Hemorrhage
 1
 1
 1.0

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

Lab: BNW

2) Mild 4) Marked

^{* ..}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: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

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

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

F 344/N	Rat	Female
100 PPN	/	

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 7 0 1	0 0 7 0 2	0 0 7 0 3	0 0 7 0 4	0 0 7 0 5	

*TOTALS

Alimentary System

Liver + + + + +

Centrilobular, Hepatocyte, Degeneration 3 2 3 2 3 5 2.6

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 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: Vinylidene chloride

CAS Number: 75-35-4

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

Test Type: 14-DAY

F 344/N Rat Female 100 PPM

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
AMIMAL ID	0	0	0	0	0
	7	7	7	7	7
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

1.0

NONE							
Respiratory System							
Lung	+	+	+	+	+	5	
Alveolus, Infiltration Cellular, Histiocyte				1			1
Nose	+	+	+	+	+	5	
Special Senses System							
Eye	+	+	+	+	+	5	
Urinary System							
Kidney	+	+	+	+	+	5	

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

Route: RESPIRATORY EXPOSURE WHOLE BODY CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

F 344/N Rat Female	
200 PPM	

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
V V III V V V I I I I	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

Intestine Small, Duodenum					+	1		
Intestine Small, Ileum					+	1		
Intestine Small, Jejunum					+	1		
Liver	+	+	+	+	+	5		
Centrilobular, Necrosis	4	4	4	4	4		5	4.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus + + + 3

Hemorrhage 3 3 2 3 2.7

Integumentary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

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Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

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

Test Type: 14-DAY

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 10/22/2014 Time Report Requested: 13:41:19

First Dose M/F: NA / NA

Lab: BNW

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

F 344/N	Rat	Female	е
200 PPN	Λ		

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

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung			+			5		
Nose	+	+	+	+	+	5		
Special Senses System								
Eye	+	+	+	+	+	5		
Urinary System								
Kidney	+	+	+	+	+	5		
Papilla, Renal Tubule, Casts	3	3	3	3	3		5	3.0

M .. Missing tissue

X ..Lesion presentI ..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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

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 R	at Female
400 PPM	

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

*TOTALS

Alimentary System

, .,								
Intestine Large, Cecum		+	+			2		
Hemorrhage		4					1	4.0
Intestine Large, Colon			+			1		
Intestine Large, Rectum			+			1		
Intestine Small, Duodenum			+			1		
Intestine Small, Ileum			+			1		
Intestine Small, Jejunum			+			1		
Liver	+	+	+	+	+	5		
Centrilobular, Necrosis	4	4	4	4	4		5	4.0
Hepatodiaphragmatic Nodule			3				1	3.0
Stomach, Forestomach		+	+			2		
Hemorrhage		4					1	4.0
Stomach, Glandular			+			1		

Cardiovascular System

NONE

Endocrine System

NONE

General Body 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride
CAS Number: 75-35-4

Route: RESPIRATORY EXPOSURE WHOLE BODY

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014 Time Report Requested: 13:41:19

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Lab: BNW

F 344/N Rat Female 400 PPM	DAY ON TEST ANIMAL ID	0 0 0 2 0 1 1 0 1	0 0 4 0 1 1 0 2	0 0 0 2 0 1 1 0 3	0 0 2 0 1 1 0 4	0 0 0 2 0 1 1 0 5	*TC	та	LS_
Genital System									
NONE Hematopoietic System									
Thymus		+		+		+	3		
Hemorrhage Integumentary System		3		3		3		3	3.0
NONE Musculoskeletal System									
NONE Nervous System									
Brain Hemorrhage			+				1	1	4.0
Respiratory System									
Lung Hemorrhage		+	+	+	+	+	5	2	2.0
Nose Special Senses System		+	+	+	+	+	5		
Eye		+	+	+	+	+	5		

2

Cornea, Degeneration, Focal

M .. Missing tissue

1 2.0

A .. Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

^{1-4 ..}Lesion qualified as:

Experiment Number: 20303-01 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

F 344/N Rat Female **400 PPM**

DAY ON TEST	0	0	0	0	0
	Ô	0	0	0	0
ANIMAL ID	2	4	2	2	2
	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

Urinary System

Kidney Papilla, Renal Tubule, Casts 3 5 3.2 3

** END OF REPORT **

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

4) Marked

Date Report Requested: 10/22/2014

Time Report Requested: 13:41:19

First Dose M/F: NA / NA

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

^{+ ..} Tissue examined microscopically

X ..Lesion present