

Experiment Number: 20303 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Vinylidene Chloride
CAS Number: 75-35-4

Date Report Requested: 09/15/2016
Time Report Requested: 09:38:38
First Dose M/F: 06/14/04 / 06/14/04
Lab: BNW

NTP Study Number: C20303
Lock Date: 06/01/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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 Lab: BNW

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
CONTROL	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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		0	0	0	0	0		
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0		
		0	0	0	0	0		
		1	1	1	1	1		
		7	7	7	7	7		
CONTROL	ANIMAL ID	0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		1	2	3	4	5		
							* TOTALS	

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+			5	
Alveolus, Infiltration Cellular, Histiocyte			1						1 1.0
Nose	+	+	+	+	+			5	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+			5	
-----	---	---	---	---	---	--	--	----------	--

URINARY SYSTEM

Kidney	+	+	+	+	+			5	
--------	---	---	---	---	---	--	--	----------	--

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		0	0	0	0	0		
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0		
		1	1	1	1	1		
		7	0	7	7	7		
	25 PPM	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

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

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

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FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	0	7	7	7	
25 PPM	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	2	2	2	2	2		
	0	0	0	0	0		
	1	2	3	4	5		
* TOTALS							

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

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 X .. Lesion present
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		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
		7	7	7	7	7	
50 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		4	4	4	4	4	
		0	0	0	0	0	
		1	2	3	4	5	
* TOTALS							

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
Centrilobular, Hepatocyte, Degeneration	3	3	3	3	3	5 3.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mediastinal					+	1
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INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	50 PPM						
ANIMAL ID		0	0	0	0	0	
		0	0	0	0	0	
		4	4	4	4	4	
		0	0	0	0	0	
		1	2	3	4	5	
							* TOTALS

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

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FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	100 PPM						
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		6	6	6	6	6	
		0	0	0	0	0	
		1	2	3	4	5	
							* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+				
Infiltration Cellular, Mixed Cell									
Centrilobular, Hepatocyte, Degeneration	3	3	3	3	3			5	2 2.0
									5 3.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
		0	0	0	0	0	
100 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		6	6	6	6	6	
		0	0	0	0	0	
		1	2	3	4	5	

*** TOTALS**

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5	
Alveolus, Infiltration Cellular, Histiocyte					1		1 1.0
Nose	+	+	+	+	+	5	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5	
-----	---	---	---	---	---	---	--

URINARY SYSTEM

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

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		0	0	0	0	0		
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		2	2	2	2	2		
	200 PPM							
ANIMAL ID		0	0	0	0	0		
		0	0	0	0	0		
		8	8	8	8	8		
		0	0	0	0	0		
		1	2	3	4	5		
							* 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					+				1	
Hemorrhage					1				1	1.0

HEMATOPOIETIC SYSTEM

Lymph Node					+				1	
Deep Cervical, Hemorrhage					3				1	3.0

INTEGUMENTARY SYSTEM

NONE

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 M .. Missing tissue
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 BLANK .. Not examined microscopically

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 Lab: BNW

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		2	2	2	2	2	
		0	0	0	0	0	
200 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		8	8	8	8	8	
		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	
Cornea, Degeneration, Focal	2	2					2 2.0
Iris, Inflammation, Suppurative	2	1					2 1.5

URINARY SYSTEM

Kidney	+	+	+	+	+	5	
Papilla, Renal Tubule, Casts	3	3	3	4	3		5 3.2
Urinary Bladder	+					1	

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		0	0	0	0	0		
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0		
		0	0	0	0	0		
		0	0	0	0	0		
		2	2	1	2	2		
	400PPM							
ANIMAL ID		0	0	0	0	0		
		1	1	1	1	1		
		0	0	0	0	0		
		0	0	0	0	0		
		1	2	3	4	5		
							* 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	+							1	
Hemorrhage	2								1 2.0

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+							1	
Hemorrhage	3								1 3.0
Thymus	+	+	+					3	
Hemorrhage	3	3	3						3 3.0
Necrosis, Lymphoid			2	2					2 2.0

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FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		2	2	1	2	2	
		0	0	0	0	0	
400PPM	ANIMAL ID	0	0	0	0	0	
		1	1	1	1	1	
		0	0	0	0	0	
		0	0	0	0	0	
		1	2	3	4	5	

* TOTALS

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5	
Hemorrhage		3					1 3.0
Nose	+	+	+	+	+	5	
Inflammation, Suppurative, Acute			2				1 2.0

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5	
Anterior Chamber, Inflammation, Acute		3					1 3.0
Cornea, Infiltration Cellular, Mononuclear Cell, Focal		4					1 4.0

URINARY SYSTEM

Kidney	+	+	+	+	+	5	
Papilla, Renal Tubule, Casts	3	3		2	2		4 2.5

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*** END OF MALE DATA ***

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+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
CONTROL	ANIMAL ID	0	0	0	0	0	
		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

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

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1-4 .. Lesion qualified as:
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FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
CONTROL	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		0	0	0	0	0	
		1	2	3	4	5	

* TOTALS

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5	
Alveolus, Infiltration Cellular, Histiocyte				1			1 1.0
Alveolus, Infiltration Cellular, Mixed Cell, Focal		1					1 1.0
Nose	+	+	+	+	+	5	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5	
-----	---	---	---	---	---	----------	--

URINARY SYSTEM

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	----------	--

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 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
25 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		3	3	3	3	3	
		0	0	0	0	0	
		1	2	3	4	5	
* TOTALS							

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
Centrilobular, Hepatocyte, Degeneration	3	3	3	1	2	5 2.4

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	25 PPM						
ANIMAL ID		0	0	0	0	0	
		0	0	0	0	0	
		3	3	3	3	3	
		0	0	0	0	0	
		1	2	3	4	5	
							* TOTALS

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

		0	0	0	0	0		
DAY ON TEST		0	0	0	0	0		
FISCHER 344 RATS FEMALE		1	1	1	1	1		
		7	7	7	7	7		
50 PPM		0	0	0	0	0		
ANIMAL ID		0	0	0	0	0		
		5	5	5	5	5		
		0	0	0	0	0		
		1	2	3	4	5		
							* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5		
Centrilobular, Hepatocyte, Degeneration	3	3	3	3	3	5	3.0	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+					1		
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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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

		0	0	0	0	0	
FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
50 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		5	5	5	5	5	
		0	0	0	0	0	
		1	2	3	4	5	
							* TOTALS

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung									
Hemorrhage			+					1	1 1.0

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
		7	7	7	7	7	
100 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		7	7	7	7	7	
		0	0	0	0	0	
		1	2	3	4	5	
* TOTALS							

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	5
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

* .. 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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
		7	7	7	7	7	
100 PPM	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		7	7	7	7	7	
		0	0	0	0	0	
		1	2	3	4	5	

*** TOTALS**

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5	
Alveolus, Infiltration Cellular, Histiocyte				1			1 1.0
Nose	+	+	+	+	+	5	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5	
-----	---	---	---	---	---	---	--

URINARY SYSTEM

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

* .. 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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

		0	0	0	0	0	
FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		2	2	2	2	2	
	200 PPM						
	ANIMAL ID	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

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

* .. 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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		2	2	2	2	2	
		0	0	0	0	0	
200 PPM	ANIMAL ID	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**

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	5
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URINARY SYSTEM

Kidney	+	+	+	+	+	5
Papilla, Renal Tubule, Casts	3	3	3	3	3	5 3.0

* .. 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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS 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	
	1	1	1	1	1	* TOTALS	
	1	1	1	1	1		
	0	0	0	0	0		
	1	2	3	4	5		

ALIMENTARY SYSTEM

Intestine Large, Cecum Hemorrhage			+	+						2				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					
Hepatodiaphragmatic Nodule						3								1	3.0
Centrilobular, Necrosis		4	4	4	4	4								5	4.0
Stomach, Forestomach Hemorrhage			+	+						2				1	4.0
Stomach, Glandular				+						1					

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

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 + .. Tissue examined microscopically
 X .. Lesion present
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 M .. Missing tissue
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
 Time Report Requested: 09:38:38
 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

FISCHER 344 RATS 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	
	1	1	1	1	1		
	1	1	1	1	1		
	0	0	0	0	0		
	1	2	3	4	5	* TOTALS	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Thymus	+	+	+			3
Hemorrhage	3	3	3			3 3.0

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain						1
Hemorrhage	+					1 4.0

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	5
Hemorrhage		2	2			2 2.0

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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20303 - 01
 Test Type: 14-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Vinylidene Chloride
 CAS Number: 75-35-4

Date Report Requested: 09/15/2016
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 First Dose M/F: 06/14/04 / 06/14/04
 Lab: BNW

		0	0	0	0	0			
DAY ON TEST		0	0	0	0	0			
FISCHER 344 RATS FEMALE		0	0	0	0	0			
400 PPM		2	4	2	2	2			
ANIMAL ID		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		
Nose		+	+	+	+	+	5		
SPECIAL SENSES SYSTEM									
Eye		+	+	+	+	+	5		
Cornea, Degeneration, Focal				2			1 2.0		
URINARY SYSTEM									
Kidney		+	+	+	+	+	5		
Papilla, Renal Tubule, Casts		4	3	3	3	3	5 3.2		

*** 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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked