

Experiment Number: 05032-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: D-Carvone
CAS Number: 2244-16-8

Date Report Requested: 10/22/2014
Time Report Requested: 02:56:50
First Dose M/F: NA / NA
Lab: IRDC

C Number:	C55867A
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 05032-01
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Date Report Requested: 10/22/2014
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First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Male
VEHICLE CONTROL

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

* ..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

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Species/Strain: Rat/F 344/N

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DAY ON TEST

F 344/N Rat Male
VEHICLE CONTROL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Date Report Requested: 10/22/2014
Time Report Requested: 02:56:50
First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Male
187MG/KG

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

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Lab: IRDC

DAY ON TEST

F 344/N Rat Male
187MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Date Report Requested: 10/22/2014
Time Report Requested: 02:56:50
First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Male
375MG/KG

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

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Lab: IRDC

DAY ON TEST

F 344/N Rat Male
375MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

END OF MALE DATA

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F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST																																				
	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 4 6	0 7 5 8	0 7 6 9	0 7 8 2	0 7 9 2	0 7 2 2	0 7 3 2	0 7 3 2	0 7 8 3	0 7 3 3	0 7 2 3	0 7 3 3	0 7 0 0	0 7 0 0	0 7 4 9	0 7 0 0	0 7 0 0	0 7 0 0	0 7 0 0	0 7 0 0	0 7 0 0	0 7 0 0	0 7 0 0	0 7 0 0									
ANIMAL ID	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1	0 9 2 4 1								
Alimentary System																																					
Esophagus																																					
Intestine Large, Cecum																																					
Intestine Large, Colon																																					
Parasite Metazoan																																					
Intestine Large, Rectum																																					
Inflammation, Acute																																					
Parasite Metazoan																																					
Intestine Small, Duodenum																																					
Intestine Small, Ileum																																					
Intestine Small, Jejunum																																					
Liver																																					
Basophilic Focus, Multiple																																					
Basophilic Focus, Single																																					
Bile Duct, Hyperplasia, Multifocal																																					
Fatty Change, Multifocal																																					
Inflammation, Multifocal, Chronic																																					
Necrosis, Focal																																					
Pancreas																																					
Inflammation, Chronic																																					
Salivary Glands																																					
Submandibul GI, Inflammation, Subacute																																					

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F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST																											
	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	0	0	0
	7	7	7	7	4	6	5	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7
ANIMAL ID	2	2	3	3	8	5	8	2	2	2	3	2	2	8	3	3	2	3	3	3	0	2	3	3	3	2	3	3
	9	9	0	0	6	7	9	9	9	9	9	9	9	3	0	0	9	0	0	0	4	9	0	0	0	9	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	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	4	4	4	5	5	5	6	6	6	7	7	9	9	0	0	0	1	1	1	1	2	3	4	4	4	4	4	
	1	2	4	0	2	6	0	1	4	8	6	9	8	7	8	9	0	3	5	7	3	8	2	3	5	7	8	
Stomach, Forestomach									+	+	+	+	+			+	+	+	+	+			+	+	+			
Acanthosis														2			2			2								
Stomach, Glandular									+	+	+	+	+			+	+	+	+	+			+	+	+			
Cardiovascular System																												
Blood Vessel									+	+	+	+				+	+	+		+			+	+	M			
Heart									+	+	+	+	+			+	+	+	+	+	+		+	+	+			
Cardiomyopathy										2	2	1	2			3		2	2	2			2	1	2			
Endocrine System																												
Adrenal Gland, Cortex									+	+	+	+	+			+	+	+	+	+	+		+	+	+			
Hyperplasia, Focal																							2					
Hypertrophy, Focal																											2	
Vacuolization Cytoplasmic, Focal											1		3					2		2			2				2	
Adrenal Gland, Medulla									+	+	+	+	+			M	+	+	+	+	+		+	+	+			
Islets, Pancreatic									+	+	+	+	+			+	+	+	+	+	+		+	+	+			
Hyperplasia, Focal									2				2															
Parathyroid Gland									+	+	+	+	+			+	+	+	+	+	+		+	+	M			
Pituitary Gland									+	+	+	+	+			+	+	+	+	+	+		+	+	+			
Pars Distalis, Angiectasis											4																	
Pars Distalis, Cyst																		2	2	2				2				
Pars Distalis, Hyperplasia, Focal											1																	
Thyroid Gland									+	+	+	+	+			+	+	+	+	+	+		+	+	+			
C Cell, Hyperplasia, Focal											2																	

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Date Report Requested: 10/22/2014

Time Report Requested: 02:56:51

First Dose M/F: NA / NA

Lab: IRDC

F 344/N Rat Female VEHICLE CONTROL

Table with columns for DAY ON TEST and ANIMAL ID, and rows of numerical data representing lesion counts for 28 animals.

C Cell, Hyperplasia, Multifocal

2 1

General Body System

NONE

Genital System

Table showing lesion data for Clitoral Gland, Ovary, and Uterus across 28 animals.

Hematopoietic System

Table showing lesion data for Bone Marrow, Lymph Node, and Edema across 28 animals.

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DAY ON TEST	F 344/N Rat Female VEHICLE CONTROL																																			
	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	0	0	0	0	0						
ANIMAL ID	7	7	7	7	4	6	5	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7						
	2	2	3	3	8	5	8	2	2	2	3	2	2	8	3	3	2	3	3	3	0	2	3	3	3	2	3	3	3	3						
	9	9	0	0	6	7	9	9	9	9	0	9	9	3	0	0	9	0	0	0	4	9	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	0	0	0	0	0	0	0	0	0	0	0	0	0						
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9						
	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3						
	4	4	4	5	5	5	6	6	6	7	7	9	9	0	0	0	1	1	1	1	2	3	4	4	4	4	4	4	6	7						
	1	2	4	0	2	6	0	1	4	8	6	9	0	8	7	8	9	0	3	5	7	3	8	2	3	5	7	8	8	1	4					
Hemorrhage	3																																			
Spleen											+			+			+			+			+													
Hematopoietic Cell Proliferation											2		3		2		2		2		3		2		2											
Thymus											+		+		+		M		+		+		+		+		M		+		+					
Integumentary System																																				
Mammary Gland											+		+		+		+		+		+		+		+		+		+		+					
Acinus, Hyperplasia																					2		2													
Galactocele											2		3		3		2		2		2		3		2		2		4							
Skin											+		+		+		+		+		+		+		+		+		+		+					
Tail, Inflammation, Chronic																					3															
Musculoskeletal System																																				
Bone											+		+		+		+		+		M		+		+		+		+		+					
Femur, Osteopetrosis																					2		2													
Nervous System																																				
Brain											+		+		+		+		+		+		+		+		+		+		+					
Compression, Focal																															2					
Peripheral Nerve											+		+		+		+		+		M		+		+		+		+		+		+			
Respiratory System																																				
Lung											+		+		+		+		+		+		+		+		+		+		+					
Hemorrhage, Multifocal																															2					

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Test Compound: D-Carvone

Time Report Requested: 02:56:51

Route: GAVAGE

CAS Number: 2244-16-8

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: IRDC

DAY ON TEST	ANIMAL ID																												
	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079	079
F 344/N Rat Female VEHICLE CONTROL	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	0	0	0	0
	7	7	7	7	4	6	5	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	3	3	8	5	8	2	2	2	3	2	2	8	3	3	2	3	3	3	0	2	3	3	3	2	3	3	3
	9	9	0	0	6	7	9	9	9	9	0	9	9	3	0	0	0	0	0	0	0	4	9	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	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	5	5	5	6	6	6	6	7	7	9	9	0	0	0	1	1	1	1	2	3	4	4	4	4	4	4
	1	2	4	0	2	6	0	1	4	8	6	9	0	8	9	0	3	5	7	3	8	2	3	5	7	8	8	1	4
Interstitium, Inflammation, Multifocal, Subacute											1	1	1			2													
Interstitium, Inflammation, Subacute, Focal																					1							1	
Nose											+	+	+	+	+						+	+	+						
Hypertrophy															3						2								
Nasolacrim Dct, Inflammation, Chronic											2																		
Nasolacrim Dct, Inflammation, Subacute																	2				2								
Turbinate, Inflammation, Chronic																						3		2	2	2			
Turbinate, Inflammation, Chronic Active																													
Turbinate, Inflammation, Subacute																	2				2								
Trachea											+	+	+	+	+						+	+	+						
Inflammation, Acute											2																		
Inflammation, Subacute																	2				2							1	
Special Senses System																													
Eye																													
Antr Chamber, Left, Hemorrhage																3													
Left, Cataract																													
Left, Retina, Degeneration																													
Zymbal's Gland																													
Urinary System																													
Kidney																													
Bilateral, Nephropathy, Chronic																													

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**F 344/N Rat Female
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7	7
	2	2	2	2	3	2	3	8	2	3	2	2	5	3	2	3	2	2	3
	9	9	9	9	0	9	0	1	9	0	9	1	6	0	9	0	9	9	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
	7	7	7	8	8	8	8	9	9	9	0	0	1	1	1	1	2	3	3
	5	6	8	2	3	4	8	3	4	7	5	9	2	3	4	5	6	0	1

***TOTALS**

Alimentary System

Esophagus	14	
Intestine Large, Cecum	14	
Intestine Large, Colon	14	
Parasite Metazoan	2	2.0
Intestine Large, Rectum	9	
Inflammation, Acute	1	2.0
Parasite Metazoan	1	2.0
Intestine Small, Duodenum	14	
Intestine Small, Ileum	14	
Intestine Small, Jejunum	14	
Liver	14	
Basophilic Focus, Multiple	12	2.1
Basophilic Focus, Single	2	1.5
Bile Duct, Hyperplasia, Multifocal	1	2.0
Fatty Change, Multifocal	1	2.0
Inflammation, Multifocal, Chronic	10	1.7
Necrosis, Focal	1	2.0
Pancreas	14	
Inflammation, Chronic	5	1.6
Salivary Glands	14	
Submandibul Gl, Inflammation, Subacute	1	2.0

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F 344/N Rat Female
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7
	2	2	2	2	3	2	3	8	2	3	2	2	5	3	2	3	2	2
	9	9	9	9	0	9	0	1	9	0	9	1	6	0	9	0	9	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
	7	7	7	8	8	8	8	8	9	9	0	0	1	1	1	1	2	3
	5	6	8	2	3	4	8	3	4	7	5	9	2	3	4	5	6	1

*TOTALS

Stomach, Forestomach	14		
Acanthosis		3	2.0
Stomach, Glandular	14		
Cardiovascular System			
Blood Vessel	10		
Heart	14		
Cardiomyopathy		11	1.9
Endocrine System			
Adrenal Gland, Cortex	14		
Hyperplasia, Focal		1	2.0
Hypertrophy, Focal		1	2.0
Vacuolization Cytoplasmic, Focal		6	2.0
Adrenal Gland, Medulla	13		
Islets, Pancreatic	14		
Hyperplasia, Focal		2	2.0
Parathyroid Gland	13		
Pituitary Gland	14		
Pars Distalis, Angiectasis		1	4.0
Pars Distalis, Cyst		4	2.0
Pars Distalis, Hyperplasia, Focal		1	1.0
Thyroid Gland	14		
C Cell, Hyperplasia, Focal		1	2.0

* ..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: 05032-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: D-Carvone
 CAS Number: 2244-16-8

Date Report Requested: 10/22/2014
 Time Report Requested: 02:56:52
 First Dose M/F: NA / NA
 Lab: IRDC

**F 344/N Rat Female
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7	
	2	2	2	2	3	2	3	8	2	3	2	2	5	3	2	3	2	2	3
	9	9	9	9	0	9	0	1	9	0	9	1	6	0	9	0	9	9	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
	7	7	7	8	8	8	8	8	9	9	9	0	1	1	1	1	1	2	3
	5	6	8	2	3	4	8	3	4	7	5	9	2	3	4	5	6	0	1

***TOTALS**

C Cell, Hyperplasia, Multifocal

2 1.5

General Body System

NONE

Genital System

Clitoral Gland

13

Inflammation, Chronic

8 2.1

Inflammation, Chronic Active

1 3.0

Ovary

14

Bilateral, Infiltration Cellular, Lymphocyte,
 Diffuse

1 3.0

Uterus

14

Lumen, Dilatation

2 3.0

Hematopoietic System

Bone Marrow

13

Hyperplasia, Megakaryocyte

1 2.0

Hyperplasia, Reticulum Cell, Focal

2 1.0

Hyperplasia, Reticulum Cell, Multifocal

4 2.0

Lymph Node

1

Lymph Node, Mesenteric

13

Depletion Lymphoid

1 2.0

Edema

5 1.8

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1-4 ..Lesion qualified as:

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1) Minimal 3) Moderate

I ..Insufficient tissue

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2) Mild 4) Marked

Experiment Number: 05032-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: D-Carvone

CAS Number: 2244-16-8

Date Report Requested: 10/22/2014

Time Report Requested: 02:56:52

First Dose M/F: NA / NA

Lab: IRDC

F 344/N Rat Female
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7	7
	2	2	2	2	3	2	3	8	2	3	2	2	5	3	2	3	2	2	3
	9	9	9	9	0	9	0	1	9	0	9	1	6	0	9	0	9	9	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
	7	7	7	8	8	8	8	9	9	9	0	0	1	1	1	1	1	2	3
	5	6	8	2	3	4	8	3	4	7	5	9	2	3	4	5	6	0	1

*TOTALS

Hemorrhage	1	3.0
Spleen	14	
Hematopoietic Cell Proliferation	11	2.2
Thymus	12	
Integumentary System		
Mammary Gland	14	
Acinus, Hyperplasia	2	2.0
Galactocele	10	2.5
Skin	14	
Tail, Inflammation, Chronic	1	3.0
Musculoskeletal System		
Bone	13	
Femur, Osteopetrosis	2	2.0
Nervous System		
Brain	14	
Compression, Focal	1	2.0
Peripheral Nerve	13	
Respiratory System		
Lung	14	
Hemorrhage, Multifocal	1	2.0

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+ ..Tissue examined microscopically

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2) Mild 4) Marked

Experiment Number: 05032-01

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Test Type: CHRONIC

Test Compound: D-Carvone

Time Report Requested: 02:56:52

Route: GAVAGE

CAS Number: 2244-16-8

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: IRDC

DAY ON TEST	F 344/N Rat Female VEHICLE CONTROL																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	7	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7	
2	2	2	2	2	3	2	3	8	2	3	2	2	5	3	2	3	2	2	
9	9	9	9	9	0	9	0	1	9	0	9	1	6	0	9	0	9	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	
7	7	7	7	8	8	8	8	9	9	9	0	0	1	1	1	1	1	2	
5	6	8	2	3	4	8	3	4	7	5	9	2	3	4	5	6	0	1	
																		4	1.3
Interstitial, Inflammation, Multifocal, Subacute																		2	1.0
Interstitial, Inflammation, Subacute, Focal																		14	
Nose																		2	2.5
Hypertrophy																		1	2.0
Nasolacrim Dct, Inflammation, Chronic																		2	2.0
Nasolacrim Dct, Inflammation, Subacute																		6	2.2
Turbinate, Inflammation, Chronic																		1	3.0
Turbinate, Inflammation, Chronic Active																		2	2.0
Turbinate, Inflammation, Subacute																		14	
Trachea																		1	2.0
Inflammation, Acute																		4	1.8
Inflammation, Subacute																			
Special Senses System																			
Eye																		2	
Antr Chamber, Left, Hemorrhage																		1	3.0
Left, Cataract																		1	3.0
Left, Retina, Degeneration																		1	3.0
Zymbal's Gland																		1	
Urinary System																			
Kidney																		14	
Bilateral, Nephropathy, Chronic																		14	1.9

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05032-01

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Test Type: CHRONIC

Test Compound: D-Carvone

Time Report Requested: 02:56:53

Route: GAVAGE

CAS Number: 2244-16-8

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: IRDC

F 344/N Rat Female
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7	7
	2	2	2	2	3	2	3	8	2	3	2	2	5	3	2	3	2	2	3
	9	9	9	9	0	9	0	1	9	0	9	1	6	0	9	0	9	9	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
	7	7	7	8	8	8	8	9	9	9	0	0	1	1	1	1	1	2	3
	5	6	8	2	3	4	8	3	4	7	5	9	2	3	4	5	6	0	1

*TOTALS

Epithelium, Pelvis, Hyperplasia	1	3.0
Papilla, Mineralization	4	1.8
Pelvis, Mineralization	1	2.0
Urinary Bladder	13	

* ..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: 05032-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: D-Carvone
CAS Number: 2244-16-8

Date Report Requested: 10/22/2014
Time Report Requested: 02:56:53
First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Female
187MG/KG

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

* ..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: 05032-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: D-Carvone
CAS Number: 2244-16-8

Date Report Requested: 10/22/2014
Time Report Requested: 02:56:53
First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Female
187MG/KG

ANIMAL ID

*TOTALS

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: 05032-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: D-Carvone
CAS Number: 2244-16-8

Date Report Requested: 10/22/2014
Time Report Requested: 02:56:53
First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Female
375MG/KG

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

* ..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: 05032-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: D-Carvone
CAS Number: 2244-16-8

Date Report Requested: 10/22/2014
Time Report Requested: 02:56:53
First Dose M/F: NA / NA
Lab: IRDC

DAY ON TEST

F 344/N Rat Female
375MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

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

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