

Experiment Number: 99037 - 03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 09/20/2016
Time Report Requested: 11:43:53
First Dose M/F: 08/13/02 / 08/12/02
Lab: SRI

NTP Study Number: C99037B
Lock Date: 04/04/2003
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: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
0 MG/KG	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	0	0	
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation				1		1				1		3 1.0
Hepatodiaphragmatic Nodule		X			X			X	X			4
Vacuolization Cytoplasmic		1			1		1	1	1			5 1.0
Mesentery			+								1	
Accessory Spleen			1									1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Parotid Gland, Basophilic Focus		2	1	1	2	1	1	1	1	1		9 1.2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	

* .. 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

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS MALE	3	3	3	3	3	3	3	3	3	3	
0 MG/KG											
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	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
CARDIOVASCULAR SYSTEM											
Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1		1	1	2				1	1	6 1.2
ENDOCRINE SYSTEM											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Rathke's Cleft, Dilatation		1									1 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ultimobranchial Cyst										1	1 1.0
GENERAL BODY SYSTEM											
NONE											
GENITAL SYSTEM											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS MALE	3	3	3	3	3	3	3	3	3	3	
0 MG/KG											
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	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											
Prostate	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell						2					1 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	M	M	M	M	+	M	M	M	M	M	1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage						2					1 2.0
INTEGUMENTARY SYSTEM											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10

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FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
0 MG/KG	ANIMAL ID	3	3	3	3	3	3	3	3	3	
		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	1	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10	
Pigmentation				1								1 1.0
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord	+	+	+	+	+	+	+	+	+	+	10	

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10	
Hemorrhage	1		1	1	2		1	1	1			7 1.1
Inflammation, Chronic	1											1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Trachea	+	+	+	+	+	+	+	+	+	+	10	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10	
Hemorrhage										2		1 2.0
Inflammation, Acute										1		1 1.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy		1	1	1	1	1	1	1	1	1		8 1.0

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS MALE	3	3	3	3	3	3	3	3	3	3	
0 MG/KG	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	0	0	
		0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
	* TOTALS										
Renal Tubule, Mineralization	1										1 1.0
Urinary Bladder	+ + + + + + + + + +										10

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		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
12.5 MG/KG	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	0	0	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

ALIMENTARY SYSTEM

Liver											3
Hepatodiaphragmatic Nodule			+	+				+			3
			X	X				X			
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
----------------	---	---	---	---	---	---	---	---	---	---	-----------

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

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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	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
12.5 MG/KG	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	0	0	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0

* TOTALS

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	M	M	M	M	M	M	M	M	M	M	0
-----------------	---	---	---	---	---	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

Peripheral Nerve	M	M	M	M	M	M	M	M	M	M	0
------------------	---	---	---	---	---	---	---	---	---	---	---

Spinal Cord	M	M	M	M	M	M	M	M	M	M	0
-------------	---	---	---	---	---	---	---	---	---	---	---

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

Nephropathy	1	1	1	1	1	1	1	1	1	1	10	1.0
-------------	---	---	---	---	---	---	---	---	---	---	----	-----

Renal Tubule, Mineralization						1					1	1.0
------------------------------	--	--	--	--	--	---	--	--	--	--	---	-----

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	FISCHER 344 RATS MALE
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	25 MG/KG
	3	3	3	3	3	3	3	3	3	3	
	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	
	2	2	2	2	2	2	2	2	2	3	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

ALIMENTARY SYSTEM

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Accessory Adrenal Cortical Nodule							2				1 2.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

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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	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
25 MG/KG	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		
		2	2	2	2	2	2	2	2	3	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	M	M	M	M	M	M	M	M	M	M	0
-----------------	---	---	---	---	---	---	---	---	---	---	----------

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

Peripheral Nerve	M	M	M	M	M	M	M	M	M	M	0
------------------	---	---	---	---	---	---	---	---	---	---	----------

Spinal Cord	M	M	M	M	M	M	M	M	M	M	0
-------------	---	---	---	---	---	---	---	---	---	---	----------

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy	1	1	1	1	1	1	1	1	1	1	10 1.0
Renal Tubule, Mineralization				1				1			2 1.0

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FISCHER 344 RATS MALE	DAY ON TEST										ANIMAL ID
	0	0	0	0	0	0	0	0	0	0	
50 MG/KG	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	0
	3	3	3	3	3	3	3	3	3	3	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
	3	3	3	3	3	3	3	3	3	4	0
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

ALIMENTARY SYSTEM

Liver											2	
Hepatodiaphragmatic Nodule												1
Inflammation, Chronic												1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Hypertrophy												3 1 3.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Rathke's Cleft, Dilatation												1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

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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	0	0	0	
50 MG/KG		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
	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	0	0	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	M	M	M	M	M	M	M	M	M	M	0
-----------------	---	---	---	---	---	---	---	---	---	---	----------

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

Peripheral Nerve	M	M	M	M	M	M	M	M	M	M	0
------------------	---	---	---	---	---	---	---	---	---	---	----------

Spinal Cord	M	M	M	M	M	M	M	M	M	M	0
-------------	---	---	---	---	---	---	---	---	---	---	----------

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy	1	1	1	1	1	1	1	1	1	3	10 1.2

* .. 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: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE 50 MG/KG	DAY ON TEST	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	
	3	3	3	3	3	3	3	3	3	3	
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	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	
	* TOTALS										
Renal Tubule, Mineralization	1										1 1.0

* .. 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
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BLANK .. Not examined microscopically

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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 76231-76-0

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	5	9	9	9	9	5	9	9	9	9	9	9	9	9	9	9
		3	3	3	6	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3
	75 MG/KG																			
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	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
		4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
	1	2	3	4	5	6	7	8	9	0										
* TOTALS																				

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	9
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	8
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Clear Cell Focus										1										1 1.0
Hematopoietic Cell Proliferation	1			1																2 1.0
Hepatodiaphragmatic Nodule											X									1
Inflammation, Chronic							1													1 1.0
Vacuolization Cytoplasmic				1	1				1											3 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Acinus, Vacuolization Cytoplasmic					1															1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Parotid Gland, Basophilic Focus					2	1					1				1					4 1.3
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Degeneration, Cystic																				1 2.0

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+ .. 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:

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2) Mild 4) Marked

Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE 75 MG/KG	DAY ON TEST										ANIMAL ID
	0 9 3	0 9 3	0 9 3	0 5 6	0 9 3	0 9 3	0 9 3	0 9 3	0 5 7	0 9 3	
	0	0	0	0	0	0	0	0	0	0	0 0 4 1
	0	0	0	0	0	0	0	0	0	0	0 0 4 5
	0	0	0	0	0	0	0	0	0	0	0 0 4 6
	0	0	0	0	0	0	0	0	0	0	0 0 4 7
	0	0	0	0	0	0	0	0	0	0	0 0 4 8
	0	0	0	0	0	0	0	0	0	0	0 0 4 9
	0	0	0	0	0	0	0	0	0	0	0 0 4 0
											* TOTALS

Hyperplasia, Squamous 2 1 2.0

Stomach, Glandular + + + + + + + + + + 10

Edema 2 1 2.0

Hemorrhage 2 1 2.0

Inflammation, Chronic 2 1 2.0

Ulcer 3 1 3.0

CARDIOVASCULAR SYSTEM

Heart + + + + + + + + + + 10

Cardiomyopathy 1 1 2 1 1 2 1 1 1 8 1.3

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + + 10

Parathyroid Gland + + + + + + + + + + 10

Pituitary Gland + + + + + + + + + + 10

Angiectasis 3 1 3.0

Pars Distalis, Atrophy 2 1 2.0

Rathke's Cleft, Dilatation 1 1 1 3 1.0

Thyroid Gland + + + + + + + + + + 10

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

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Experiment Number: 99037 - 03

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Date Report Requested: 09/20/2016

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE	DAY ON TEST										* TOTALS
	0	0	0	0	0	0	0	0	0	0	
75 MG/KG	9	9	9	5	9	9	9	9	5	9	
	3	3	3	6	3	3	3	3	7	3	
	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	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	5	
	1	2	3	4	5	6	7	8	9	0	

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage				2		1			1	1	4 1.3

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	M	+	+	M	+	+	+	M	7
Skin	+	+	+	+	+	+	+	+	+	+	10

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Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE 75 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	9	9	5	9	9	9	9	5	9	3	7	3	
		3	3	3	6	3	3	3	3	7	3				
		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	0	
		4	4	4	4	4	4	4	4	4	5				
		1	2	3	4	5	6	7	8	9	0				
* TOTALS															

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+					10
Skeletal Muscle	M	M	M	+	M	M	M	M	+	M						2

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+						10
Congestion				2						2						2 2.0
Hemorrhage				2						2						2 2.0
Peripheral Nerve	M	M	M	+	M	M	M	M	+	M						2
Spinal Cord	M	M	M	+	M	M	M	M	+	M						2

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+						10
Congestion				2												1 2.0
Hemorrhage	1		1	2	1											4 1.3
Nose	+	+	+	+	+	+	+	+	+	+						10
Olfactory Epithelium, Degeneration									1							1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+						10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+						10
-----	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	-----------

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+ .. Tissue examined microscopically

X .. Lesion present

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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE 75 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		9	9	9	5	9	9	9	5	9	
		3	3	3	6	3	3	3	7	3	
		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	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
-----------------	---	---	---	---	---	---	---	---	---	---	----

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy	1	1	1	1	1	2	1	1		1		9 1.1
Renal Tubule, Mineralization									1			1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

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alpha/beta Thujone mixture

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Date Report Requested: 09/20/2016

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE		7	9	9	9	8	8	8	5	8	8				
		7	3	3	2	5	5	4	6	4	4				
100 MG/KG		0	0	0	0	0	0	0	0	0	0				
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0				
		0	0	0	0	0	0	0	0	0	0				
		5	5	5	5	5	5	5	5	5	6				
		1	2	3	4	5	6	7	8	9	0				
* TOTALS															

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+					10
Intestine Large, Cecum	+	+	+	+	+	A	+	+	+	+					9
Hemorrhage				2											1 2.0
Inflammation, Chronic Active				2											1 2.0
Intestine Large, Colon	+	+	+	+	+	A	+	+	+	+					9
Intestine Large, Rectum	+	+	+	+	+	A	+	+	+	+					9
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	+					9
Intestine Small, Ileum	+	+	+	+	+	A	A	+	+	+					8
Intestine Small, Jejunum	+	+	+	+	A	A	A	+	A	+					6
Liver	+	+	+	+	+	+	+	+	+	+					10
Hematopoietic Cell Proliferation									1						1 1.0
Hepatodiaphragmatic Nodule	X					X									2
Inflammation, Chronic				2											1 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+					10
Atrophy					1										1 1.0
Acinus, Vacuolization Cytoplasmic										2	1				2 1.5
Salivary Glands	+	+	+	+	+	+	+	+	+	+					10
Parotid Gland, Basophilic Focus				1	1			2	1	1					5 1.2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+					10

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+ .. Tissue examined microscopically

X .. Lesion present

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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

		0	0	0	0	0	0	0	0	0	
DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE		7	9	9	9	8	8	8	5	8	
100 MG/KG		7	3	3	2	5	5	4	6	4	
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	0	0	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											
Degeneration, Cystic						3					1 3.0
Hyperplasia, Squamous						2					1 2.0
<hr/>											
Stomach, Glandular		+	+	+	+	+	+	+	+	+	10
Edema						2					1 2.0
Erosion, Focal					2						1 2.0
Hemorrhage					2						1 2.0
Pigmentation						2					1 2.0
Ulcer				2							1 2.0
<hr/>											
CARDIOVASCULAR SYSTEM											
<hr/>											
Heart		+	+	+	+	+	+	+	+	+	10
Cardiomyopathy									1	1	2 1.0
<hr/>											
ENDOCRINE SYSTEM											
<hr/>											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	10
Hypertrophy									1		1 1.0
<hr/>											
Adrenal Medulla		+	+	+	+	+	+	+	+	+	10
<hr/>											
Parathyroid Gland		+	+	+	+	+	+	+	+	+	10
<hr/>											
Pituitary Gland		+	+	+	+	+	+	+	+	+	10
Angiectasis									2		1 2.0
Pars Distalis, Atrophy			2			3					2 2.5
Pars Distalis, Hemorrhage		3									1 3.0
Pars Distalis, Necrosis		4									1 4.0
Rathke's Cleft, Dilatation		2		1	2	2					4 1.8

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 + .. Tissue examined microscopically
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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0		
		7	9	9	9	8	8	8	5	8		8
100 MG/KG	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		0
		5	5	5	5	5	5	5	5	6		
		1	2	3	4	5	6	7	8	9	0	
* TOTALS												

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ultimobranchial Cyst					1						1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node						+			+		2
Hyperplasia, Lymphoid					2						1 2.0
Pancreatic, Hemorrhage								1			1 1.0
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10

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Experiment Number: 99037 - 03

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	7	9	9	9	8	8	8	5	8	8	
FISCHER 344 RATS MALE	7	3	3	2	5	5	4	6	4	4	
100 MG/KG	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	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Congestion						3	2		2	2		4 2.3
Pigmentation, Hemosiderin					2							1 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Hemorrhage	1			2			3	2	1	2		6 1.8

INTEGUMENTARY SYSTEM

Mammary Gland	M	+	+	+	+	+	+	+	M	+	8	
Skin	+	+	+	+	+	+	+	+	+	+	10	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10	

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10	
Congestion	1			1			2	2	1	2		6 1.5
Hemorrhage					2		1		2	1		4 1.5
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	10	
Spinal Cord	+	+	+	+	+	+	+	+	+	+	10	

RESPIRATORY 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: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS MALE 100 MG/KG	DAY ON TEST										* TOTALS
	0 7 7	0 9 3	0 9 3	0 9 2	0 8 5	0 8 5	0 8 4	0 5 6	0 8 8	0 4 4	
	ANIMAL ID										
	0 0 5 1	0 0 5 2	0 0 5 3	0 0 5 4	0 0 5 5	0 0 5 6	0 0 5 7	0 0 5 8	0 0 5 9	0 0 6 0	
Lung	+										10
Congestion	1			1	2	2	2	2	2	1	8 1.6
Inflammation, Acute				1							1 1.0
Nose	+										10
Trachea	+										10
SPECIAL SENSES SYSTEM											
Eye	+										10
Harderian Gland	+										10
URINARY SYSTEM											
Kidney	+										10
Nephropathy	2	1	3	2		1	1	1	1	1	9 1.4
Renal Tubule, Mineralization		1	1						1		3 1.0
Renal Tubule, Necrosis					2						1 2.0
Urinary Bladder	+										10

*** END OF MALE DATA ***

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Lab: SRI

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
0 MG/KG	ANIMAL ID	3	3	3	3	3	3	3	3	3	
		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	
		6	6	6	6	6	6	6	6	7	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation				1			1					2 1.0
Hepatodiaphragmatic Nodule					X							1
Inflammation, Chronic	1		2		1			1	1	1		6 1.2
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Parotid Gland, Basophilic Focus				1			1		1	1		4 1.0
Parotid Gland, Necrosis, Focal									1			1 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
0 MG/KG	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	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	

* TOTALS

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy		1						1			2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Cyst			X			X					2
Uterus	+	+	+	+	+	+	+	+	+	+	10
Dilatation						2			2		2 2.0

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3			
0 MG/KG	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			
	6	6	6	6	6	6	6	6	6	7			
	1	2	3	4	5	6	7	8	9	0			* TOTALS
Vagina	+	+	+	+	+	+	+	+	+	+			10
HEMATOPOIETIC SYSTEM													
Bone Marrow	+	+	+	+	+	+	+	+	+	+			10
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M			0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+			10
Spleen	+	+	+	+	+	+	+	+	+	+			10
Thymus	+	+	+	+	+	+	+	+	+	+			10
INTEGUMENTARY SYSTEM													
Mammary Gland	+	+	+	+	+	+	+	+	+	+			10
Skin	+	+	+	+	+	+	+	+	+	+			10
MUSCULOSKELETAL SYSTEM													
Bone	+	+	+	+	+	+	+	+	+	+			10
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+			10
NERVOUS SYSTEM													
Brain	+	+	+	+	+	+	+	+	+	+			10
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+			10

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+ .. Tissue examined microscopically
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Species/Strain: RATS/F 344/N

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	
0 MG/KG											
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	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0	
											* TOTALS
Spinal Cord	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Lung	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage	1		1	1	1	1	2	2		1	8 1.3
Alveolus, Infiltration Cellular, Histiocyte, Focal			1								1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Renal Tubule, Mineralization			1						1	1	3 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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 + .. Tissue examined microscopically
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 M .. Missing tissue
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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS FEMALE 12.5 MG/KG	DAY ON TEST	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	
		3	3	3	3	3	3	3	3	3	
	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	0	0	
		7	7	7	7	7	7	7	7	8	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

ALIMENTARY SYSTEM

Liver											
Hepatodiaphragmatic Nodule											1
											1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+		10
Stomach, Glandular	+	+	+	+	+	+	+	+	+		10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+		10
Adrenal Medulla	+	+	+	+	+	+	+	+	+		10
Pituitary Gland	+	+	+	+	+	+	+	+	+		10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+		10
Cyst		X						X			2
Uterus					+	+			+		3

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0			
	9	9	9	9	9	9	9	9	9	9			
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3			
12.5 MG/KG													
ANIMAL ID	0	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	7	7	8			
	1	2	3	4	5	6	7	8	9	0			
											* TOTALS		
Dilatation	1					1					2	1.0	
Vagina	+	+	+	+	+	+	+	+	+	+	10		
Cyst	X											1	
HEMATOPOIETIC SYSTEM													
Lymph Node							+					1	
Hyperplasia, Lymphoid							1					1	1.0
INTEGUMENTARY SYSTEM													
NONE													
MUSCULOSKELETAL SYSTEM													
Skeletal Muscle	M	M	M	M	M	M	M	M	M	M	0		
NERVOUS SYSTEM													
Brain	+	+	+	+	+	+	+	+	+	+	10		
Peripheral Nerve	M	M	M	M	M	M	M	M	M	M	0		
Spinal Cord	M	M	M	M	M	M	M	M	M	M	0		
RESPIRATORY SYSTEM													
NONE													
SPECIAL SENSES 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

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Species/Strain: RATS/F 344/N

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	FISCHER 344 RATS FEMALE
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	12.5 MG/KG
	3	3	3	3	3	3	3	3	3	3	
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	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	8	
	1	2	3	4	5	6	7	8	9	0	* TOTALS

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Renal Tubule, Mineralization	1	1	1	1	1	1	1	1	1	1	8 1.0

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3	
25 MG/KG	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	0	0	
		8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

ALIMENTARY SYSTEM

Liver											2
Hepatodiaphragmatic Nodule			+					+			2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Rathke's Cleft, Dilatation			1								1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus			+								1

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
25 MG/KG	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0

* TOTALS

Dilatation 2 1 2.0

Vagina + + + + + + + + + + 10

HEMATOPOIETIC SYSTEM

Lymph Node + + + 3
Hemorrhage 2 1 2.0
Pancreatic, Infiltration Cellular, Histiocyte 2 2 2 2.0

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle M M M M M M M M M M 0

NERVOUS SYSTEM

Brain + + + + + + + + + + 10
Pigmentation 1 1 1.0
Peripheral Nerve M M M M M M M M M M 0
Spinal Cord M M M M M M M M M M 0

RESPIRATORY SYSTEM

NONE

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+ .. Tissue examined microscopically
X .. Lesion present
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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	FISCHER 344 RATS FEMALE
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	25 MG/KG
	3	3	3	3	3	3	3	3	3	3	
	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	
	8	8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy					1						1 1.0
Renal Tubule, Mineralization	1	1	1	1	1		1	1	1		8 1.0

* .. 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: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
50 MG/KG		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	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1	1		1						4 1.0
Hepatodiaphragmatic Nodule				X		X					2
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Parotid Gland, Basophilic Focus	2				1	1	2		1	2	6 1.5
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Eosinophil		2									1 2.0
Inflammation, Chronic		2									1 2.0

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	
50 MG/KG	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	0	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

Mineralization

1

1 1.0

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy	1											1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	9	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Congestion							2					1 2.0
Pars Distalis, Necrosis		4										1 4.0
Rathke's Cleft, Dilatation	1			1	1	1				1		5 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
Ectopic Thymus		X										1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10	
Ovary	+	+	+	+	+	+	+	+	+	+	10	

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+ .. Tissue examined microscopically

X .. Lesion present

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Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3			
50 MG/KG	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	1			
	9	9	9	9	9	9	9	9	9	0			
	1	2	3	4	5	6	7	8	9	0			* TOTALS
Cyst								X					1
Uterus	+	+	+	+	+	+	+	+	+	+			10
Dilatation						2							1 2.0
Vagina	+	+	+	+	+	+	+	+	+	+			10
HEMATOPOIETIC SYSTEM													
Bone Marrow	+	+	+	+	+	+	+	+	+	+			10
Lymph Node	+						+						2
Hemorrhage	2												1 2.0
Pancreatic, Hemorrhage	2						2						2 2.0
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M			0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+			10
Hyperplasia, Lymphoid							2						1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+			10
Thymus	+	+	+	+	+	+	+	+	+	+			10
INTEGUMENTARY SYSTEM													
Mammary Gland	+	+	+	+	+	+	+	+	+	+			10
Skin	+	+	+	+	+	+	+	+	+	+			10
MUSCULOSKELETAL SYSTEM													

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

FISCHER 344 RATS FEMALE 50 MG/KG	DAY ON TEST										* TOTALS
	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	0 9 3	
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	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	1	2	3	4	5	6	7	8	9	0	
Bone	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle	M	M	M	M	M	M	M	M	M	M	0
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
Pigmentation	1	1		1		1	2			1	6 1.2
Peripheral Nerve	M	M	M	M	M	M	M	M	M	M	0
Spinal Cord	M	M	M	M	M	M	M	M	M	M	0
RESPIRATORY SYSTEM											
Lung	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage							1	1	1		3 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10

* .. 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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Route: GAVAGE

Species/Strain: RATS/F 344/N

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CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
FISCHER 344 RATS FEMALE	3	3	3	3	3	3	3	3	3	3			
50 MG/KG	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	1			
	9	9	9	9	9	9	9	9	9	0			
	1	2	3	4	5	6	7	8	9	0			
													* TOTALS
Nephropathy	1					3		2					3 2.0
Renal Tubule, Mineralization	1		1	1	1		1	1	1	1			8 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			10

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

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X .. Lesion present

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	5	6	9	5	4	9	4	8	4	8	4	4	4
		3	7	4	3	8	4	3	3	6	3	6	3	3	3
75 MG/KG	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	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0				
														* TOTALS	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	A	+					9		
Intestine Large, Colon Hemorrhage	+	+	+	+	+	+	+	+	+	+					10	1	1.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+					10		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+					10		
Intestine Small, Ileum	+	+	+	+	A	+	+	+	A	+					8		
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+					9		
Liver	+	+	+	+	+	+	+	+	+	+					10		
Hematopoietic Cell Proliferation	1				2											2	1.5
Hepatodiaphragmatic Nodule						X										1	
Necrosis					1											1	1.0
Vacuolization Cytoplasmic					2				1							2	1.5
Pancreas	+	+	+	+	+	+	+	+	+	+					10		
Acinus, Vacuolization Cytoplasmic													2			1	2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+					10		
Parotid Gland, Basophilic Focus			1		1					1						3	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+					10		
Degeneration, Cystic					2											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

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1-4 .. Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	4	5	6	9	5	4	9	4	8	4
FISCHER 344 RATS FEMALE	3	7	4	3	8	4	3	3	6	3
75 MG/KG	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

*** TOTALS**

Edema	2										1 2.0	
Stomach, Glandular Edema	+	+	+	+	+	+	+	+	+	+	10	1 2.0

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Angiectasis		3									1 3.0
Pars Distalis, Atrophy				3			3		2		3 2.7
Pars Distalis, Necrosis					4						1 4.0
Rathke's Cleft, Dilatation		2			2		1		2		4 1.8
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Ectopic Thymus					X						1

GENERAL BODY SYSTEM

NONE										
------	--	--	--	--	--	--	--	--	--	--

GENITAL SYSTEM

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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0			
	4	5	6	9	5	4	9	4	8	4			
FISCHER 344 RATS FEMALE	3	7	4	3	8	4	3	3	6	3			
75 MG/KG	0	0	0	0	0	0	0	0	0	0			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0			
											* TOTALS		
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10		
Ovary	+	+	+	+	+	+	+	+	+	+	10		
Uterus	+	+	+	+	+	+	+	+	+	+	10		
Vagina	+	+	+	+	+	+	+	+	+	+	10		
HEMATOPOIETIC SYSTEM													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	0		
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	10	1	2.0
Spleen Atrophy	+	+	+	+	+	+	+	+	+	+	10	1	2.0
Thymus Hemorrhage	+	+	+	+	+	+	+	+	+	+	10	4	1.0
INTEGUMENTARY SYSTEM													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
MUSCULOSKELETAL SYSTEM													

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

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	4	5	6	9	5	4	9	4	8	4	
FISCHER 344 RATS FEMALE	3	7	4	3	8	4	3	3	6	3	
75 MG/KG	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	* TOTALS
Bone	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle	M	M	M	M	+	M	M	M	+	M	2
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
Congestion			1			2			2		3 1.7
Hemorrhage	2				1			1		2	4 1.5
Pigmentation		1		1	1		1		1		5 1.0
Peripheral Nerve	M	M	M	M	+	M	M	M	+	M	2
Spinal Cord	+	+	M	M	+	M	M	M	+	M	4
RESPIRATORY SYSTEM											
Lung	+	+	+	+	+	+	+	+	+	+	10
Congestion			2						2		2 2.0
Alveolus, Infiltration Cellular, Histiocyte, Focal							1				1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

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

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First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	7	8	3	3	3	2	8	1					
	3	1	8	6	7	6	7	9	1	7					
	<hr/>														
100 MG/KG	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	2				
	1	2	3	4	5	6	7	8	9	0					
* TOTALS															

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10		
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	9		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10		
Liver	+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic Cell Proliferation	1											1	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic				1								1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10		
Parotid Gland, Basophilic Focus	2	1		1	1	1	1	1	2	1		9	1.2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10		
Degeneration, Cystic					2							1	2.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10		
Edema					2		2			2		3	2.0

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99037 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 11:43:53

First Dose M/F: 08/13/02 / 08/12/02

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	7	8	3	3	3	2	8	1
FISCHER 344 RATS FEMALE	3	1	8	6	7	6	7	9	1	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
* TOTALS										

Hemorrhage					1		1				2 1.0
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CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy					1		1				2 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	M	M	8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Angiectasis			2								1 2.0
Pars Distalis, Atrophy		3	4	2							3 3.0
Rathke's Cleft, Dilatation	1	2		3			2	2			5 2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10

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Lab: SRI

FISCHER 344 RATS FEMALE 100 MG/KG	DAY ON TEST										ANIMAL ID	
	0 9 3	0 9 1	0 7 8	0 8 6	0 3 7	0 3 6	0 3 7	0 2 9	0 8 1	0 1 7		
	0	0	0	0	0	0	0	0	0	0	0 0 1 1 1 1	
	1	1	1	1	1	1	1	1	1	1	2	
	1	2	3	4	5	6	7	8	9	0		* TOTALS

Uterus Dilatation	+	+	+	+	+	+	+	+	+	+	10	1 1.0
Vagina	+	+	+	+	+	+	+	+	+	+	10	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node Pancreatic, Hemorrhage		+									1	1 2.0
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen Atrophy	+	+	+	+	+	+	+	+	+	+	10	1 2.0
Thymus Hemorrhage	+	+	+	+	+	+	+	+	+	+	10	4 1.5

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Skin	+	+	+	+	+	+	+	+	+	+	10	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10	
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Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	7	8	3	3	3	2	8	1			
FISCHER 344 RATS FEMALE	3	1	8	6	7	6	7	9	1	7			
100 MG/KG	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	1	1	1	1	1	2			
	1	2	3	4	5	6	7	8	9	0			
											* TOTALS		
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+			10
NERVOUS SYSTEM													
Brain	+	+	+	+	+	+	+	+	+	+			10
Congestion		2	1	1	2	2	2		1	1		8	1.5
Hemorrhage			2			2		2				3	2.0
Pigmentation	1	1		2					1			4	1.3
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+			10
Spinal Cord	+	+	+	+	+	+	+	+	+	+			10
Congestion			2					2				2	2.0
RESPIRATORY SYSTEM													
Lung	+	+	+	+	+	+	+	+	+	+			10
Congestion				1	2		2			2		4	1.8
Nose	+	+	+	+	+	+	+	+	+	+			10
Trachea	+	+	+	+	+	+	+	+	+	+			10
SPECIAL SENSES SYSTEM													
Eye	+	+	+	+	+	+	+	+	+	+			10
Harderian Gland	+	+	+	+	+	+	+	+	+	+			10
URINARY SYSTEM													

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