alpha/beta Thujone mixture CAS Number: 76231-76-0

Lock Date:01/24/2002Cage Range:ALLDate Range:ALLReasons For Removal:ALLRemoval Date Range:ALLTreatment Groups:Include ALLStudy Gender:BothTDMSE Version:3.0.2.3_002PWG Approval Date:NONE	NTP Study Number:	C99037
Cage Range:ALLDate Range:ALLReasons For Removal:ALLRemoval Date Range:ALLTreatment Groups:Include ALLStudy Gender:BothTDMSE Version:3.0.2.3_002	Nil Olday Namber.	000001
Date Range:ALLDate Range:ALLReasons For Removal:ALLRemoval Date Range:ALLTreatment Groups:Include ALLStudy Gender:BothTDMSE Version:3.0.2.3_002	Lock Date:	01/24/2002
Reasons For Removal:ALLRemoval Date Range:ALLTreatment Groups:Include ALLStudy Gender:BothTDMSE Version:3.0.2.3_002	Cage Range:	ALL
Removal Date Range:ALLTreatment Groups:Include ALLStudy Gender:BothTDMSE Version:3.0.2.3_002	Date Range:	ALL
Treatment Groups:Include ALLStudy Gender:BothTDMSE Version:3.0.2.3_002	Reasons For Removal:	ALL
Study Gender:BothTDMSE Version:3.0.2.3_002	Removal Date Range:	ALL
TDMSE Version: 3.0.2.3_002	Treatment Groups:	Include ALL
	Study Gender:	Both
PWG Approval Date: NONE	TDMSE Version:	3.0.2.3_002
	PWG Approval Date:	NONE

alpha/beta Thujone mixture CAS Number: 76231-76-0

DAY ON TES	T 0 0 0 0 0 1 1 1 1 1 7 7 7 7 7	
VEHICLE CONTROL ANIMAL	0 0 0 0 0	* TOTALS
LIMENTARY SYSTEM		
Esophagus	+ + + +	5
Intestine Large, Cecum	+ + + + +	5
Intestine Large, Colon	+ + + + +	5
Intestine Large, Rectum	+ + + + +	5
Intestine Small, Duodenum	+ + + + +	5
Intestine Small, Ileum	+ + + + +	5
Intestine Small, Jejunum	+ + + + +	5
Liver	+ + + + +	5
Pancreas	+ + + + +	5
Salivary Glands	+ + + + +	5
Stomach, Forestomach	+ + + + +	5
Stomach, Glandular	+ + + + +	5
CARDIOVASCULAR SYSTEM		
Blood Vessel	+ + + + +	5
Heart	+ + + + +	5
 * Total animals with tissue examined + Tissue examined microscopically X Lesion present I Insufficient tissue 	microscopically; Total animals with tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopical	

alpha/beta Thujone mixture CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

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DAY ON TEST FISCHER 344 RATS MALE	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7		
VEHICLE CONTROL ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 5	* TOTALS	
ENDOCRINE SYSTEM			-		-		
Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	
Islets, Pancreatic	+	+	+	+	+	5	
Parathyroid Gland	+	+	+	+	+	5	
Pituitary Gland	+	+	+	+	+	5	
Thyroid Gland	+	+	+	+	+	5	
GENERAL BODY SYSTEM							
NONE							
GENITAL SYSTEM					-		
Epididymis	+	+	+	+	+	5	
Preputial Gland	+	+	+	+	+	5	
Prostate	+	+	+	+	+	5	

HEMATOPOIETIC SYSTEM

Seminal Vesicle

Testes

* .. Total animals with tissue examined microscopically; Total animals with tumor

+

+ + +

M + +

+ +

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

alpha/beta Thujone mixture CAS Number: 76231-76-0

DAY ON TEST	0 0 0 0 0 0 0 0 0 0 1 1 1 1 7 7 7 7	
VEHICLE 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
Bone Marrow	+ + + +	5
Lymph Node, Mandibular	M M M M	0
Lymph Node, Mesenteric	+ + + +	5
Spleen	+ + + +	5
Thymus	+ + + + +	5
NTEGUMENTARY SYSTEM		
Mammary Gland	M M + + +	3
Skin	+ + + + +	5
MUSCULOSKELETAL SYSTEM		
Bone	+ + + +	5
Skeletal Muscle	+ + + + +	5
NERVOUS SYSTEM		
Brain, NOS	+ + + + +	5
Peripheral Nerve, Sciatic	+ + + + +	5
Spinal Cord, Cervical	+ + + + +	5
Spinal Cord, Lumbar	+ + + + +	5
 * Total animals with tissue examined mid + Tissue examined microscopically X Lesion present I Insufficient tissue 	roscopically; Total animals with tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

alpha/beta Thujone mixture CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	-
VEHICLE CONTROL ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 4	0 0 0 5	* TOTALS
RESPIRATORY SYSTEM		-				
Larynx	+	+	I	I	+	3
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	 5
SPECIAL SENSES SYSTEM						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
URINARY SYSTEM						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TEST	
FISCHER 344 RATS MALE	
1.0 MG/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	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RATS 1.0 MG/KG	DAY ON TEST	 	
	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYS	TEM		
NONE			
SPECIAL SENSES S	YSTEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS	3		

Multiple Organ

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TEST	
FISCHER 344 RATS MALE	
3.0 MG/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	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RAT	DAY ON TEST	TEST						
3.0 MG/KG	ANIMAL ID							
					* TOTALS			
NERVOUS SYSTE	Μ							
NONE								
RESPIRATORY S	(STEM							
NONE								
SPECIAL SENSES	SYSTEM							
NONE								
URINARY SYSTEM	Λ							
NONE								
SYSTEMIC LESIO	NS							

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
10.0 MG/KG ANIMAL ID	0 0 0 3 1	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5	* TOTAL 6
ALIMENTARY SYSTEM	_ '				•	* TOTALS
						4
	+					1
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 tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

alpha/beta Thujone mixture CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

1

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

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TEST	
FISCHER 344 RATS MALE	
30.0 MG/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	

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RATS	DAY ON TEST	 	 	
30.0 MG/KG	ANIMAL ID			
		 	· · · · · · · · · · · · · · · · · · ·	* TOTALS
NERVOUS SYSTEM				
NONE				
RESPIRATORY SYS	STEM			
NONE				
SPECIAL SENSES	SYSTEM			
NONE				
URINARY SYSTEM				
NONE				
SYSTEMIC LESION	S			

Multiple Organ

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

alpha/beta Thujone mixture CAS Number: 76231-76-0

DAY (FISCHER 344 RATS MALE	ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 0	0 0 1 7		
1 00 MG/KG AI	NIMAL ID	0 0 5 1	0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5		* TOTALS
LIMENTARY SYSTEM				_		_		TOTAL
Esophagus		+	+	+	+	+		5
Intestine Large, Cecum		+	+	+	+	+		5
Intestine Large, Colon		+	+	+	+	+		5
Intestine Large, Rectum		+	+	+	÷	+		5
Intestine Small, Duodenum		+	+	+	+	+		5
Intestine Small, Ileum		+	+	+	+	+		5
Intestine Small, Jejunum		+	+	+	+	+		5
Liver		+	+	+	+	+		5
Pancreas		+	+	+	+	+		5
Salivary Glands		+	+	+	+	+		5
Stomach, Forestomach		+	+	+	+	+		5
Stomach, Glandular		+	+	+	+	+		5
CARDIOVASCULAR SYSTEM	I							
Blood Vessel		+	+	+	+	+		5
Heart		+	+	+	+	+		5
* Total animals with tissue ex + Tissue examined microscop X Lesion present I Insufficient tissue		oscop	ically	/; Tot	al anir	mals with	tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

alpha/beta Thujone mixture CAS Number: 76231-76-0 Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

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5

DAY ON TEST FISCHER 344 RATS MALE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
100 MG/KG ANIMAL IE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* TOTALS
ENDOCRINE SYSTEM		
Adrenal Cortex	+ + + + +	5
Adrenal Medulla	+ + + + +	5
Islets, Pancreatic	+ + + + +	5
Parathyroid Gland	M + + M +	3
Pituitary Gland	+ + + + +	5
Thyroid Gland	+ + + + +	5
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
Epididymis	+ + + + +	5
Preputial Gland	+ + + + +	5

Testes + + + + + + + + + HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M +

+

+ +

+ +

+

+ .. Tissue examined microscopically

X .. Lesion present

Prostate

Seminal Vesicle

I .. Insufficient tissue

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture CAS Number: 76231-76-0

DAY ON TEST	1	0 0 1 7	0 0 1 7	0 0 1 0	0 0 1 7		
100 MG/KG ANIMAL ID	0	0 0 0 5 2	0 0 5 3	0 0 0 5 4	0 0 0 5 5		* TOTALS
Bone Marrow	+	+	÷	+	+		5
Lymph Node, Mandibular	М	М	М	М	Μ		0
Lymph Node, Mesenteric	+	+	÷	+	+		5
Spleen	+	+	÷	+	+		5
Thymus	+	+	+	+	+		5
NTEGUMENTARY SYSTEM							
Mammary Gland	+	Μ	М	+	Μ		2
Skin	+	+	+	+	+		5
IUSCULOSKELETAL SYSTEM							
Bone	+	+	+	+	+		5
Skeletal Muscle	+	+	+	+	+		5
IERVOUS SYSTEM							
Brain, NOS	+	+	+	+	+		5
Peripheral Nerve, Sciatic	+	+	+	+	+		5
Spinal Cord, Cervical	+	+	+	+	+		5
Spinal Cord, Lumbar	+	+	+	+	+		5
* Total animals with tissue examined mic + Tissue examined microscopically X Lesion present	roscopic	cally;	Tota	al anim	als with tumor	M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 0	0 0 1 7	
100 MG/KG ANIMAL ID	0 0 5 1	0 0 5 2	0 0 5 3	0 0 0 5 4	0 0 0 5 5	* TOTALS
RESPIRATORY SYSTEM						
Larynx	+	+	+	I	I	3
Lung	+	+	+	+	+	5
Nose	+	+	+	А	+	4
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
URINARY SYSTEM						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5
SYSTEMIC LESIONS		-				
Multiple Organ	+	+	+	+	+	5

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

alpha/beta Thujone mixture CAS Number: 76231-76-0

DAY ON TE FISCHER 344 RATS FEMALE	EST 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 7 7 7 7 7 7	
VEHICLE CONTROL ANIMAL		* TOTALS
ALIMENTARY SYSTEM		
Esophagus	+ + + + +	5
Intestine Large, Cecum	+ + + + +	5
Intestine Large, Colon	+ + + + +	5
Intestine Large, Rectum	+ + + + +	5
Intestine Small, Duodenum	+ + + + +	5
Intestine Small, Ileum	+ + + + +	5
Intestine Small, Jejunum	+ + + + +	5
Liver	+ + + + +	5
Pancreas	+ + + + +	5
Salivary Glands	+ + + + +	5
Stomach, Forestomach	+ + + + +	5
Stomach, Glandular	+ + + + +	5
CARDIOVASCULAR SYSTEM		
Blood Vessel	+ + + + +	5
Heart	+ + + + +	5
* Total animals with tissue examined + Tissue examined microscopically X Lesion present I Insufficient tissue	d microscopically; Total animals with tumor Bl	M Missing tissue A Autolysis precludes evaluation LANK Not examined microscopically

alpha/beta Thujone mixture CAS Number: 76231-76-0

٦ FISCHER 344 RATS FEMA	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 9	0 0 0 1 0		* TOTALS
			1			<u> </u>		1017/20
Adrenal Cortex		+	+	+	+	+		5
Adrenal Medulla		+	+	+	+	+		5
Islets, Pancreatic		+	+	+	+	+		5
Parathyroid Gland		+	+	М	+	М		3
Pituitary Gland		+	+	+	+	+		5
Thyroid Gland		+	+	+	+	+		5
GENERAL BODY SYSTEN	1							
NONE								
GENITAL SYSTEM								
Clitoral Gland		+	+	+	+	+		5
Ovary		+	+	+	+	+		5
Uterus		+	+	+	+	+		5
IEMATOPOIETIC SYSTEM	N							
Bone Marrow		+	+	+	+	+		5
Lymph Node, Mandibular		М	М	М	Μ	М		0
* Total animals with tiss + Tissue examined micro X Lesion present I Insufficient tissue	ue examined micro oscopically	oscop	bically	r; Tot	al anir	mals wi	ith tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture CAS Number: 76231-76-0

DA FISCHER 344 RATS FEMAL	Y ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0 6	0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0		* TOTALS
Lymph Node, Mesenteric		+	+	+	+	+		5
Spleen		+	+	+	+	+		5
Thymus		+	+	+	+	+		5
INTEGUMENTARY SYSTEN	Λ							
Mammary Gland		+	+	+	+	+		5
Skin		+	+	+	+	+		5
MUSCULOSKELETAL SYST	ТЕМ		-	-				
Bone		+	+	+	+	+		5
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTEM								
Larynx		Ι	I	I	Ι	+		1
* Total animals with tissue + Tissue examined micros X Lesion present I Insufficient tissue		oscop	ically	; Tot	al anir	nals wit	h tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

alpha/beta Thujone mixture CAS Number: 76231-76-0 Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

DAY ON TES FISCHER 344 RATS FEMALE VEHICLE CONTROL	1 7 0	0 0 1 7 0 0	0 0 1 7 0 0	0 0 1 7 0 0	0 0 1 7 0 0	
ANIMAL II) 0 0 0 6	0 0 7	0 0 8	0 0 9	0 1 0	* TOTALS
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
URINARY SYSTEM						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON T FISCHER 344 RATS FEMALE 1.0 MG/KG ANIMA	
	* 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	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RATS I 1.0 MG/KG	DAY ON TEST FEMALE		
	ANIMAL ID		
		 	* TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYST	EM		
NONE			
SPECIAL SENSES S	YSTEM		
NONE		 	
URINARY SYSTEM			
NONE		 	
SYSTEMIC LESIONS			

Multiple Organ

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TEST	
FISCHER 344 RATS FEMALE	
3.0 MG/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	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RATS	DAY ON TEST FEMALE			
3.0 MG/KG	ANIMAL ID			
		 	 	* TOTALS
NERVOUS SYSTEM				
NONE				
RESPIRATORY SYS	TEM			
NONE				
SPECIAL SENSES S	YSTEM			
NONE				
URINARY SYSTEM				
NONE				
SYSTEMIC LESIONS	; ;			

Multiple Organ

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TEST	
FISCHER 344 RATS FEMALE	
10.0 MG/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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RATS	DAY ON TEST FEMALE	 	 _
10.0 MG/KG	ANIMAL ID		
			 * TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYS	TEM		
NONE			
SPECIAL SENSES S	YSTEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS	3		

Multiple Organ

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

DAY ON TEST	
FISCHER 344 RATS FEMALE	
30.0 MG/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	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

0

FISCHER 344 RATS	DAY ON TEST FEMALE	 	 	
30.0 MG/KG	ANIMAL ID			
		 	 	* TOTALS
NERVOUS SYSTEM				
NONE				
RESPIRATORY SYS	ТЕМ			
NONE				
SPECIAL SENSES S	YSTEM			
NONE				
URINARY SYSTEM				
NONE				
SYSTEMIC LESIONS				

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

alpha/beta Thujone mixture CAS Number: 76231-76-0

DAY ON TES	T 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 7 7 7 7 7 7	
100 MG/KG ANIMAL ID		* TOTALS
LIMENTARY SYSTEM		
Esophagus	+ + + + +	5
Intestine Large, Cecum	+ + + + +	5
Intestine Large, Colon	+ + + + +	5
Intestine Large, Rectum	+ + + + +	5
Intestine Small, Duodenum	+ + + + +	5
Intestine Small, Ileum	+ + + + +	5
Intestine Small, Jejunum	+ + + + +	5
Liver	+ + + + +	5
Pancreas	+ + + + +	5
Salivary Glands	+ + + + +	5
Stomach, Forestomach	+ + + + +	5
Stomach, Glandular	+ + + + +	5
CARDIOVASCULAR SYSTEM		
Blood Vessel	+ + + + +	5
Heart	+ + + + +	5
* Total animals with tissue examined + Tissue examined microscopically X Lesion present I Insufficient tissue		issue precludes evaluation nined microscopically

alpha/beta Thujone mixture CAS Number: 76231-76-0

FISCHER 344 RATS FE	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7		
100 MG/KG ANIMAL ID	0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	* TOT	ΓΛΙ ς	
						<u> </u>		
Adrenal Cortex		+	+	+	+	+	5	;
Adrenal Medulla		+	+	+	+	+	5	;
Islets, Pancreatic		+	+	+	+	+	5	;
Parathyroid Gland		+	М	+	+	+	4	ł
Pituitary Gland		+	+	+	+	+	5	5
Thyroid Gland		+	+	+	+	+	5	;
GENERAL BODY SYST	ГЕМ							
NONE								
GENITAL SYSTEM								
Clitoral Gland		+	+	+	+	+	5	j
Ovary		+	+	+	+	+	5	j
Uterus		+	+	+	+	+	5	j
HEMATOPOIETIC SYS	TEM							
Bone Marrow		+	+	+	+	+	5	;
Lymph Node, Mandibular		М	Μ	Μ	М	М	0)
* Total animals witl + Tissue examined X Lesion present I Insufficient tissue		oscop	bically	y; Tot	al anii	mals with tu	or M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture CAS Number: 76231-76-0

and the second se		-			-			
FISCHER 344 RATS FE	DAY ON TEST EMALE	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7		
100 MG/KG	ANIMAL ID	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0		* TOTALS
Lymph Node, Mesenteric		+	+	+	+	+		5
Spleen		+	+	+	+	+		5
Thymus		+	+	+	+	+		5
NTEGUMENTARY SYS	STEM							
Mammary Gland		+	+	+	+	+		5
Skin		+	+	+	+	+		5
MUSCULOSKELETAL	SYSTEM							
Bone		+	+	+	+	+		5
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTE	EM		-					
Larynx		+	+	+	+	I		4
* Total animals wit + Tissue examined X Lesion present I Insufficient tissue		oscop	bically	/; Tot	al anii	mals with	h tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

alpha/beta Thujone mixture CAS Number: 76231-76-0 Date Report Requested: 09/19/2016 Time Report Requested: 14:00:38 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
100 MG/KG ANIMAL ID	7 0 0 5 6	7 0 0 5 7	7 0 0 0 5 8	7 0 0 0 5 9	7 0 0 0 6 0	* TOTALS
Lung	+	+			+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
Еуе	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
URINARY SYSTEM						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

*** END OF REPORT ***

 * .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue