Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

NTP Study Number: C20605

Lock Date: Not Entered.

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

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	0 0 2 8	0 0 2 8	0 0 2								
0 mg/kg	ANIMAL ID	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	0 0 1 8 5	0 0 1 8 6	0 0 1 8 7	0 0 1 8 8	0 0 1 8 9	8 0 0 1 9 0	- * TOTALS
ALIMENTARY SYSTEM	I										ı	
Liver		+	+	+		+				+		5
Pancreas		+	+	+		+				+		5
CARDIOVASCULAR SY	<b>YSTEM</b>											
Blood Vessel		+	+	+		+				+		5
Heart		+	+	+		+				+		5
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+		+				+		5
Adrenal Medulla		+	+	+		+				+		5
Islets, Pancreatic		+	+	+		+				+		5
Parathyroid Gland		+	+	+		+				+		5
Thyroid Gland		+	+	+		+				+		5
GENERAL BODY SYST	EM											
NONE												
GENITAL SYSTEM												
Epididymis		+	+	+		+				+		5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

-												
B6C3F1 MICE MALE	DAY ON TEST	0 0 2 8	0 0 2 8									
0 mg/kg	ANIMAL ID	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	0 0 1 8 5	0 0 1 8 6	0 0 1 8 7	0 0 1 8 8	0 0 1 8 9	0 0 1 9	
Prostate		+	+	+		+				+		
Seminal Vesicle		+	+	+		+				+		
Testes		+	+	+		+				+		
HEMATOPOIETIC SYS	TEM						-					
Spleen		+	+	+		+				+		

## **MUSCULOSKELETAL SYSTEM**

NONE

# **NERVOUS SYSTEM**

NONE

# **RESPIRATORY SYSTEM**

NONE

# **SPECIAL SENSES SYSTEM**

NONE

# **URINARY SYSTEM**

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST	0 0	0 0 2 8	0 0 0 0 2 2 8 8	0	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	
0 mg/kg	ANIMAL ID	0 0 1 8 8 8	0 1 8	0 0 0 0 1 1 8 8 3 4	0 0 1 8 5	0 0 1 8 6	0 0 1 8 7	0 0 1 8 8	0 0 1 8 9	0 0 1 9 0	* TOTALS
Kidney		+ -	+	+	+				+		5
SYSTEMIC LESIONS											
Multiple Organ		+ -	+	+	+				+		5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract **CAS Number:** GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST		
15.5 mg/kg	ANIMAL ID		_
			* TOTALS
ALIMENTARY SYSTE	EM		
NONE			
CARDIOVASCULAR	SYSTEM		
NONE			
ENDOCRINE SYSTEI	VI		
NONE			
GENERAL BODY SY	STEM		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SY	STEM		
NONE			
INTEGUMENTARY S	YSTEM		
NONE			
MUSCULOSKELETA	L SYSTEM		
NONE			
* Total animals	with tissue examined microscopically: Total animals with tumor	M Missing tissue	

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST		
15.5 mg/kg	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYSTE	EM		
NONE			
SPECIAL SENSES SYS	STEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	0 0 2 8										
31 mg/kg	ANIMAL ID	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 2 0 5	0 0 2 0 6	0 0 2 0 7	0 0 2 0 8	0 0 2 0 9	0 0 2 1 0	* 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

M .. Missing tissue

A .. Autolysis precludes evaluation

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	0 0 2 8										
31 mg/kg	ANIMAL ID	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 2 0 5	0 0 2 0 6	0 0 2 0 7	0 0 2 0 8	0 0 2 0 9	0 0 2 1 0	* TOTALS
NERVOUS SYSTEM		-										
NONE			_	_		-		-	_			
RESPIRATORY SYSTE	M											
NONE												
SPECIAL SENSES SYS	STEM											
Eye			+									1
URINARY SYSTEM												
NONE												
SYSTEMIC LESIONS			_			_	_					
Multiple Organ			+									1

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract **CAS Number:** GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST		
62.5 mg/kg	ANIMAL ID		_
			* TOTALS
ALIMENTARY SYSTEM	Λ		
NONE			
CARDIOVASCULAR S	YSTEM		
NONE			
ENDOCRINE SYSTEM			
NONE			
GENERAL BODY SYS	ТЕМ		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SYS	ТЕМ		
NONE			
INTEGUMENTARY SYS	STEM		
NONE			
MUSCULOSKELETAL	SYSTEM		
NONE			
* Total animals wit	th tissue examined microscopically; Total animals with tumor	M Missing tissue	

<sup>+ ..</sup> Tissue examined microscopically X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST		
62.5 mg/kg	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYSTE	ΞM		
NONE			
SPECIAL SENSES SYS	STEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			 
Multiple Organ			0

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract **CAS Number:** GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST		
125 mg/kg	ANIMAL ID		
			* TOTALS
ALIMENTARY SYSTE	М		
NONE			
CARDIOVASCULAR S	SYSTEM		
NONE			
ENDOCRINE SYSTEM	Л		
NONE			
GENERAL BODY SYS	STEM		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SY	STEM		
NONE			
INTEGUMENTARY SY	<b>STEM</b>		
NONE			
MUSCULOSKELETAL	SYSTEM		
NONE			
* Total animals v	with tissue examined microscopically. Total animals with tumor	M Missina tissue	

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE MALE	DAY ON TEST			
125 mg/kg	ANIMAL ID			
		 	 	* TOTALS
NERVOUS SYSTEM				
NONE				
RESPIRATORY SYSTE	ΞM			
NONE				
SPECIAL SENSES SYS	STEM			
NONE				
URINARY SYSTEM				
NONE				
SYSTEMIC LESIONS				
Multiple Organ				0

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

	DAY ON TEST	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2	
B6C3F1 MICE MALE		8	2 8	8	2 8	2 8	8	8	8	8	8	
250 mg/kg	ANIMAL ID	0 0 2 3 1	0 0 2 3 2	0 0 2 3 3	0 0 2 3 4	0 0 2 3 5	0 0 2 3 6	0 0 2 3 7	0 0 2 3 8	0 0 2 3 9	0 0 2 4 0	* TOTALS
ALIMENTARY SYSTEM	Л											
Liver					+		+	+		+	+	5
Pancreas					+		+	+		+	+	5
CARDIOVASCULAR S	YSTEM											
Blood Vessel					+		+	+		+	+	5
Heart					+		+	+		+	+	5
ENDOCRINE SYSTEM												
Adrenal Cortex					+		+	+		+	+	5
Adrenal Medulla					+		+	+		+	+	5
Islets, Pancreatic					+		+	+		+	+	5
Parathyroid Gland					+		+	М		+	M	3
Thyroid Gland					+		+	+		+	+	5
GENERAL BODY SYS	ГЕМ											
NONE					_							
GENITAL SYSTEM												
Epididymis					+		+	+		+	+	5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	0 0 2 8											
250 mg/kg	ANIMAL ID	0 0 2 3 1	0 0 2 3 2	0 0 2 3 3	0 0 2 3 4	0 0 2 3 5	0 0 2 3 6	0 0 2 3 7	0 0 2 3 8	0 0 2 3 9	0 0 2 4 0		
Prostate					+		+	+		+	+		_
Seminal Vesicle					+		+	+		+	+		
Testes					+		+	+		+	+		
IEMATOPOIETIC SYS	STEM												
Spleen					+		+	+		+	+		
NTEGUMENTARY SY	STEM												
NONE													
MUSCULOSKELETAL	SYSTEM						-	-		-			
NONE													

# **NERVOUS SYSTEM**

NONE

# **RESPIRATORY SYSTEM**

NONE

# **SPECIAL SENSES SYSTEM**

NONE

# **URINARY SYSTEM**

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	0 2	0	0 2		0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	
250 mg/kg	ANIMAL ID	0 2 3	0 2 3	0 2 3	0 0 2 3 4	0 0 2 3 5	0 0 2 3 6	0 0 2 3 7	0 0 2 3 8	0 0 2 3 9	0 0 2 4 0	* TOTALS
Kidney					+		+	+		+	+	5
SYSTEMIC LESIONS												
Multiple Organ					+		+	+		+	+	5

\*\*\* END OF MALE DATA \*\*\*

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 2	0 0 2 8	0 0 2	0 0 2							
		8								8	8	_
0 mg/kg	ANIMAL ID	0 0 2 4 1	0 0 2 4 2	0 0 2 4 3	0 0 2 4 4	0 0 2 4 5	0 0 2 4 6	0 0 2 4 7	0 0 2 4 8	0 0 2 4 9	0 0 2 5 0	* TOTALS
ALIMENTARY SYSTEM		1	•	•						•	•	
Liver		+	+	+					+		+	5
Pancreas		+	+	+					+		+	5
CARDIOVASCULAR SY	STEM											
Blood Vessel		+	+	+					+		+	5
Heart		+	+	+					+		+	5
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+					+		+	5
Adrenal Medulla		+	+	+					+		+	5
Islets, Pancreatic		+	+	+					+		+	5
Parathyroid Gland		+	+	+					+		+	5
Thyroid Gland		+	+	+					+		+	5
GENERAL BODY SYSTI	EM			•								
NONE												
GENITAL SYSTEM												
Clitoral Gland		+	+	+					+		+	5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

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M .. Missing tissue

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BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 2 8										
0 mg/kg	ANIMAL ID	0 0 2 4 1	0 0 2 4 2	0 0 2 4 3	0 0 2 4 4	0 0 2 4 5	0 0 2 4 6	0 0 2 4 7	0 0 2 4 8	0 0 2 4 9	0 0 2 5 0	* TOTALS
Ovary Choriocarcinoma Granulosa Cell Tumor Benigr	n	+	+	+					+ X X		+	5 1 1
Uterus		+	+	+					+		+	5
HEMATOPOIETIC SYST	EM											
Spleen		+	+	+					+		+	5
INTEGUMENTARY SYST	ГЕМ											
NONE												
MUSCULOSKELETAL S	YSTEM											
NONE												
NERVOUS SYSTEM												
NONE												
RESPIRATORY SYSTEM	Л											
NONE												
SPECIAL SENSES SYST	ГЕМ											

# **URINARY SYSTEM**

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 2 8											
0 mg/kg	ANIMAL ID	0 0 2 4 1	0 0 2 4 2	0 0 2 4 3	0 0 2 4 4	0 0 2 4 5	0 0 2 4 6	0 0 2 4 7	0 0 2 4 8	0 0 2 4 9	0 0 2 5 0	*	TOTALS
Kidney		+	+	+					+		+		5
SYSTEMIC LESIONS													
Multiple Organ		+	+	+					+		+		5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract **CAS Number:** GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST		
15.5 mg/kg			_
	ANIMAL ID		
			* TOTALS
ALIMENTARY SYSTEM			
NONE			
CARDIOVASCULAR SY	STEM		
NONE			
ENDOCRINE SYSTEM			
NONE			
GENERAL BODY SYST	EM		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SYST	EM		
NONE			
INTEGUMENTARY SYS	TEM		
NONE			
MUSCULOSKELETAL S	SYSTEM		
NONE			
* Total animals with	ticque evamined microscopically. Total enimals with tumor	M. Missing tissue	

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>...</sup> I otal animals with tissue examined microscopically; I otal animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE	DAY ON TEST	DAY ON TEST							
15.5 mg/kg	ANIMAL ID								
						* TOTALS			
NERVOUS SYSTEM									
NONE									
RESPIRATORY SYSTEM	VI								
NONE									
SPECIAL SENSES SYS	TEM								
NONE									
URINARY SYSTEM									
NONE									
SYSTEMIC LESIONS									
Multiple Organ						0			

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

	DAY ON TEST		
<b>B6C3F1 MICE FEMALE</b>			_
31 mg/kg			
	ANIMAL ID		
			* TOTALS
ALIMENTARY SYSTEM			
NONE			
CARDIOVASCULAR SY	STEM		
NONE			
ENDOCRINE SYSTEM			
NONE			
GENERAL BODY SYST	EM		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SYST	EM		
NONE			
INTEGUMENTARY SYS	TEM		
NONE			
MUSCULOSKELETAL S	SYSTEM		
NONE			
* Total animals with	tissue examined microscopically: Total animals with tumor	M Missing tissue	
Total animais with	ussue examineu microscopicaliy. Total aminais with tumoi	เท เทเออแน แออนซ	

<sup>..</sup> Total animals with tissue examined microscopically, Total animals with tumo

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE 31 mg/kg	DAY ON TEST					
ogg	ANIMAL ID					
				* TOTALS		
NERVOUS SYSTEM						
NONE						
RESPIRATORY SYSTEM	Л					
NONE						
SPECIAL SENSES SYS	ГЕМ					
NONE						
URINARY SYSTEM						
NONE						
SYSTEMIC LESIONS						
Multiple Organ				0		

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract **CAS Number:** GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE	DAY ON TEST		
62.5 mg/kg			_
	ANIMAL ID		
			* TOTALS
ALIMENTARY SYSTEM			
NONE			
CARDIOVASCULAR SY	STEM		
NONE			
ENDOCRINE SYSTEM			
NONE			
GENERAL BODY SYST	EM		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SYST	EM		
NONE			
INTEGUMENTARY SYS	TEM		
NONE			
MUSCULOSKELETAL S	SYSTEM		
NONE			
* Total animals with	tissue examined microscopically. Total animals with tumor	M. Missing tissus	

<sup>...</sup> I otal animals with tissue examined microscopically; I otal animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE	DAY ON TEST	
62.5 mg/kg	ANIMAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM	И	
NONE		
SPECIAL SENSES SYS	TEM	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		
Multiple Organ		0

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE	DAY ON TEST		
125 mg/kg			_
<b>gg</b>	ANIMAL ID		
			* TOTALS
ALIMENTARY SYSTEM			
NONE			
CARDIOVASCULAR SY	STEM		
NONE			
ENDOCRINE SYSTEM			
NONE			
GENERAL BODY SYSTE	<b>EM</b>		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SYST	EM		
NONE			
INTEGUMENTARY SYS	ТЕМ		
NONE			
MUSCULOSKELETAL S	YSTEM		
NONE			
	tion of the state	M. Mississa Airess	

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE 125 mg/kg	DAY ON TEST	ON TEST							
	ANIMAL ID		* TOTALS						
NERVOUS SYSTEM			TOTALS						
NONE									
RESPIRATORY SYSTEM	1								
NONE									
SPECIAL SENSES SYS	ГЕМ								
NONE									
URINARY SYSTEM	-								
NONE									
SYSTEMIC LESIONS									
Multiple Organ			0						

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 8	
250 mg/kg	ANIMAL ID	0 0 2 9	0 0 2 9 2	0 0 2 9 3	0 0 2 9 4	0 0 2 9 5	0 0 2 9 6	0 0 2 9 7	0 0 2 9 8	0 0 2 9	0 0 3 0 0	* TOTALS
ALIMENTARY SYSTEM												TOTALO
Liver							+	+	+	+	+	5
Pancreas							+	+	+	+	+	5
CARDIOVASCULAR SY	STEM											
Blood Vessel							+	+	+	+	+	5
Heart							+	+	+	+	+	5
ENDOCRINE SYSTEM												
Adrenal Cortex							+	+	+	+	+	5
Adrenal Medulla							+	+	+	+	+	5
Islets, Pancreatic							+	+	+	+	+	5
Parathyroid Gland							+	+	+	+	+	5
Thyroid Gland							+	+	+	+	+	5
GENERAL BODY SYSTE	ΞM						_	_				
NONE												
GENITAL SYSTEM												
Clitoral Gland							+	+	+	+	+	5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

	DAY ON TEST	0	0 0	0	0	0	0	0	0	0	0	
B6C3F1 MICE FEMALE		2	2 8	2	2 8							
250 mg/kg	ANIMAL ID	0 0 2 9 1	00292	0 0 2 9 3	0 0 2 9 4	0 0 2 9 5	0 0 2 9 6	0 0 2 9 7	0 0 2 9 8	0 0 2 9 9	0 0 3 0 0	* <b>TO</b> 1
Ovary							+	+	+	+	+	5
Uterus							+	+	+	+	+	5
HEMATOPOIETIC SYST	EM											
Spleen							+	+	+	+	+	5
INTEGUMENTARY SYS	TEM											
NONE		-										
MUSCULOSKELETAL S	SYSTEM											
NONE												
NERVOUS SYSTEM												
NONE												
RESPIRATORY SYSTEM	И											
NONE					_							
SPECIAL SENSES SYS	TEM											
NONE												
URINARY SYSTEM												
Kidney							+	+	+	+	+	5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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X .. Lesion present

I .. Insufficient tissue

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019 Time Report Requested: 15:00:27 First Dose M/F: 07/31/09 / 07/30/09

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 2 8	0 0 2 8	0 0 2 8								
250 mg/kg	ANIMAL ID	0 0 2 9 1	0 0 2 9 2	0 0 2 9 3	0 0 2 9 4	0 0 2 9 5	0 0 2 9 6	0 0 2 9 7	0 0 2 9 8	0 0 2 9	0 0 3 0 0	* TOTALS
SYSTEMIC LESIONS												
Multiple Organ							+	+	+	+	+	5

\*\*\* END OF REPORT \*\*\*

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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