



TDMS No. 20701 - 99  
 Test Type: 18-33 DAYS  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**

Gum Guggul 2.5% granules  
 CAS Number: GUMGUGGULEXT

Date Report Requested: 06/01/2011  
 Time Report Requested: 11:24:31  
 First Dose M/F: NA / 03/02/07  
 Lab: VCU

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<b>B6C3F1 MICE FEMALE</b>	<b>0 mg/kg</b>	<b>31.25 mg/kg</b>	<b>62.5 mg/kg</b>	<b>125 mg/kg</b>	<b>250 mg/kg</b>	<b>500 mg/kg</b>
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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
<b>Early Deaths</b>						
<b>Survivors</b>						
<b>Terminal Sacrifice</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
<b>Animals Examined Microscopically</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>

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**ALIMENTARY SYSTEM**

Intestine Large, Cecum	(8)	(8)	(8)	(8)	(8)	(8)
Intestine Large, Colon	(8)	(8)	(8)	(8)	(8)	(8)
Intussusception				1 (13%)		
Intestine Large, Rectum	(3)	(6)	(3)	(3)	(4)	(4)
Intestine Small, Duodenum	(8)	(8)	(7)	(8)	(8)	(7)
Intestine Small, Ileum	(8)	(8)	(8)	(8)	(8)	(8)
Intestine Small, Jejunum	(8)	(8)	(8)	(8)	(8)	(8)
Liver	(8)	(8)	(8)	(8)	(8)	(8)
Stomach, Forestomach	(8)	(8)	(8)	(8)	(8)	(8)
Stomach, Glandular	(8)	(8)	(8)	(8)	(8)	(8)

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**CARDIOVASCULAR SYSTEM**

None

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**ENDOCRINE SYSTEM**

Adrenal Cortex	(8)	(8)	(8)	(8)	(8)	(8)
Unilateral, Hyperplasia					1 (13%)	
Adrenal Medulla	(8)	(8)	(8)	(8)	(8)	(8)

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**GENERAL BODY SYSTEM**

None

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GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

Bone Marrow	(8)	(8)	(8)	(8)	(8)	(8)
Decreased Number, Adipocyte					1 (13%)	
Increased Number, Adipocyte		1 (13%)	1 (13%)			
Gut Associated Lymphoid Tissue	(7)	(7)	(7)	(7)	(7)	(6)
Follicles, Increased Number, Lymphocyte				1 (14%)	1 (14%)	
Follicles, Increased Size				1 (14%)	1 (14%)	
Follicles, Germinal Center, Increased Size					1 (14%)	
Interfollicular Area, Increased Number, Neutrophil			1 (14%)			
Interfollicular Area, Increased Number, Lymphocyte				1 (14%)		
Interfollicular Area, Increased Size		1 (14%)		1 (14%)		
Interfollicular Area, Necrosis			1 (14%)			
Lymph Node, Mesenteric	(8)	(8)	(7)	(8)	(7)	(8)
Cortex, Germinal Center, Increased Area					2 (29%)	
Cortex, Germinal Center, Increased Number					2 (29%)	
Popliteal Lymph Node	(4)	(8)	(5)	(7)	(6)	(7)
Increased Number, Pigmented Macrophages					1 (17%)	
Increased Number, Neutrophil					1 (17%)	
Medullary Sinuses, Subcapsular Sinuses, Transverse Sinuses, Increased Number, Neutrophil		1 (13%)				
Medullary Sinuses, Subcapsular Sinuses, Transverse Sinuses, Increased Number, Mast Cell						1 (14%)
Paracortex, Prominent High Endothelial Venules				1 (14%)		
Spleen	(8)	(8)	(8)	(8)	(8)	(8)
Follicles, Germinal Center, Increased Number				3 (38%)	1 (13%)	2 (25%)

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Marginal Zone, Decreased Area					1 (13%)	
Marginal Zone, Decreased Number, Lymphocyte					1 (13%)	
Marginal Zone, Decreased Number, Macrophage					1 (13%)	
Red Pulp, Increased Number, Hematopoietic Cells					1 (13%)	
Red Pulp, Increased Number, Pigmented Macrophages	2 (25%)					
Thymus	(8)	(8)	(8)	(8)	(8)	(7)
Cyst		2 (25%)	2 (25%)			
Cortex, Decreased Area			1 (13%)			
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Lung	(8)	(8)	(8)	(8)	(8)	(8)
Foreign Body			1 (13%)			
Infiltration Cellular			1 (13%)			
Perivascular, Infiltration Cellular	1 (13%)	1 (13%)				1 (13%)
<b>SPECIAL SENSES SYSTEM</b>						

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None						
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URINARY SYSTEM						
Kidney	(8)	(8)	(8)	(8)	(8)	(8)
Infiltration Cellular		1 (13%)		1 (13%)	2 (25%)	1 (13%)

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

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