

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Study Number: C11054B-02
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.7.4
Stat Version: 2025.06.02S

Male: Interim Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
Disposition Summary					
Animals Initially In Study	10	10	10	10	10
Censored	10	10	10	10	10
Early Deaths					
Survivors					
Number of Animals Examined	10	10	10	10	10
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					

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Male: Interim Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
None					

Female: Interim Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
Disposition Summary					
Animals Initially In Study	10	10	10	10	10
Censored	10	10	10	10	10
Early Deaths					
Survivors					
Number of Animals Examined	10	10	10	10	10
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
UTERUS	(10)	(10)	(10)	(10)	(10)
LEFT; NODULE; DARK			1 (10.0%)		
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					

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Female: Interim Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
None					

Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
Disposition Summary					
Animals Initially In Study	50	50	50	50	50
Censored					
Early Deaths					
Found Dead	11	10	10	14	13
Sacrificed, Moribund	5	12	5	4	8
Survivors					
Scheduled Sacrifice, Terminal	34	28	35	32	29
Number of Animals Examined	50	50	50	50	50

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Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
ALIMENTARY SYSTEM					
INTESTINE, LARGE, COLON	(50)	(50)	(50)	(50)	(50)
MASS; MOTTLED		1 (2.0%)			
INTESTINE, SMALL, DUODENUM	(50)	(50)	(50)	(50)	(50)
INTUSSUSCEPTION			1 (2.0%)		
MASS; TAN	1 (2.0%)				
INTESTINE, SMALL, JEJUNUM	(50)	(50)	(50)	(50)	(50)
ACCUMULUATION; RED		1 (2.0%)			
DIVERTICULUM; TAN					1 (2.0%)
PEYERS PATCH; ENLARGED; RED		1 (2.0%)			
PEYERS PATCH; ENLARGED; TAN	2 (4.0%)	1 (2.0%)	3 (6.0%)		
PEYERS PATCH; ENLARGED; WHITE					1 (2.0%)
INTUSSUSCEPTION	1 (2.0%)				
MASS; TAN		1 (2.0%)	1 (2.0%)	1 (2.0%)	
MASS	1 (2.0%)				
LIVER	(50)	(50)	(50)	(50)	(50)
ADHESION; MOTTLED				1 (2.0%)	1 (2.0%)
LOBE, MEDIAN; CYST; RED	1 (2.0%)				
CYST; CLEAR		1 (2.0%)			
DEFORMITY; MOTTLED		1 (2.0%)		1 (2.0%)	
DEFORMITY; PALE		1 (2.0%)			
CAUDATE LOBE; FOCUS; WHITE		1 (2.0%)			
LOBE, LEFT; FOCUS; MOTTLED	1 (2.0%)				1 (2.0%)
LOBE, LEFT; FOCUS; RED	1 (2.0%)				1 (2.0%)
LOBE, LEFT; FOCUS; TAN	3 (6.0%)	4 (8.0%)	1 (2.0%)	2 (4.0%)	6 (12.0%)
LOBE, LEFT; FOCUS; WHITE	1 (2.0%)	2 (4.0%)		1 (2.0%)	2 (4.0%)
LOBE, MEDIAN, LOBE, LEFT; FOCUS; TAN	2 (4.0%)				
LOBE, MEDIAN; FOCUS; PALE					1 (2.0%)

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Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
LOBE, MEDIAN; FOCUS; RED					1 (2.0%)
LOBE, MEDIAN; FOCUS; TAN	2 (4.0%)	4 (8.0%)	3 (6.0%)	2 (4.0%)	5 (10.0%)
LOBE, MEDIAN; FOCUS; WHITE	1 (2.0%)	2 (4.0%)	1 (2.0%)	2 (4.0%)	1 (2.0%)
LOBE, MEDIAN; FOCUS; YELLOW		1 (2.0%)			
RIGHT; FOCUS; WHITE					1 (2.0%)
FOCUS; TAN			2 (4.0%)		
FOCUS; WHITE				1 (2.0%)	
CAUDATE LOBE; MASS; MOTTLED	1 (2.0%)	1 (2.0%)	2 (4.0%)		3 (6.0%)
CAUDATE LOBE; MASS; TAN	1 (2.0%)	1 (2.0%)	2 (4.0%)	1 (2.0%)	4 (8.0%)
LOBE, LEFT; MASS; DARK	1 (2.0%)		1 (2.0%)	1 (2.0%)	1 (2.0%)
LOBE, LEFT; MASS; GREEN					1 (2.0%)
LOBE, LEFT; MASS; MOTTLED	11 (22.0%)	14 (28.0%)	18 (36.0%)	12 (24.0%)	5 (10.0%)
LOBE, LEFT; MASS; PALE				2 (4.0%)	1 (2.0%)
LOBE, LEFT; MASS; RED	1 (2.0%)				2 (4.0%)
LOBE, LEFT; MASS; TAN	8 (16.0%) *	4 (8.0%)	3 (6.0%)	8 (16.0%)	11 (22.0%)
LOBE, LEFT; MASS; WHITE					1 (2.0%)
LOBE, LEFT; MASS		1 (2.0%)			
LOBE, MEDIAN; MASS; DARK		2 (4.0%)		2 (4.0%)	2 (4.0%)
LOBE, MEDIAN; MASS; MOTTLED	9 (18.0%)	11 (22.0%)	16 (32.0%)	15 (30.0%)	7 (14.0%)
LOBE, MEDIAN; MASS; PALE				1 (2.0%)	
LOBE, MEDIAN; MASS; RED		2 (4.0%)		1 (2.0%)	1 (2.0%)
LOBE, MEDIAN; MASS; TAN	11 (22.0%)	10 (20.0%)	10 (20.0%)	6 (12.0%)	6 (12.0%)
LOBE, MEDIAN; MASS; WHITE				1 (2.0%)	
LOBE, MEDIAN; MASS				1 (2.0%)	1 (2.0%)
RIGHT; MASS; MOTTLED	1 (2.0%) **	2 (4.0%)	1 (2.0%)	2 (4.0%)	6 (12.0%)
RIGHT; MASS; TAN	1 (2.0%) *				3 (6.0%)
RIGHT; MASS	0 *				2 (4.0%)
MASS; DARK				1 (2.0%)	1 (2.0%)

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Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
MASS; MOTTLED	10 (20.0%)	7 (14.0%)	7 (14.0%)	3 (6.0%)	
MASS; RED		1 (2.0%)	1 (2.0%)		
MASS; TAN	3 (6.0%)	2 (4.0%)	3 (6.0%)		
CAUDATE LOBE; NODULE; DARK					1 (2.0%)
CAUDATE LOBE; NODULE; TAN	1 (2.0%)	1 (2.0%)	3 (6.0%)		1 (2.0%)
CAUDATE LOBE; NODULE; WHITE				1 (2.0%)	
LOBE, LEFT; NODULE; GREEN	1 (2.0%)				
LOBE, LEFT; NODULE; MOTTLED	1 (2.0%)		1 (2.0%)		
LOBE, LEFT; NODULE; PALE				1 (2.0%)	1 (2.0%)
LOBE, LEFT; NODULE; RED	1 (2.0%)	2 (4.0%)			
LOBE, LEFT; NODULE; TAN	15 (30.0%)	11 (22.0%)	9 (18.0%)	6 (12.0%)	11 (22.0%)
LOBE, LEFT; NODULE; WHITE			3 (6.0%)	2 (4.0%)	1 (2.0%)
LOBE, MEDIAN; NODULE; DARK				1 (2.0%)	
LOBE, MEDIAN; NODULE; MOTTLED	1 (2.0%)		1 (2.0%)		1 (2.0%)
LOBE, MEDIAN; NODULE; PALE		1 (2.0%)			
LOBE, MEDIAN; NODULE; RED	1 (2.0%)	1 (2.0%)			1 (2.0%)
LOBE, MEDIAN; NODULE; TAN	10 (20.0%)	18 (36.0%)	13 (26.0%)	13 (26.0%)	12 (24.0%)
LOBE, MEDIAN; NODULE; WHITE	2 (4.0%)		1 (2.0%)	2 (4.0%)	2 (4.0%)
LOBE, MEDIAN; NODULE			1 (2.0%)		
RIGHT; NODULE; DARK			1 (2.0%)		
RIGHT; NODULE; TAN	2 (4.0%)		3 (6.0%)	2 (4.0%)	3 (6.0%)
RIGHT; NODULE; WHITE		1 (2.0%)			
RIGHT; NODULE				1 (2.0%)	
NODULE; MOTTLED	1 (2.0%)				
NODULE; RED		1 (2.0%)			
NODULE; TAN	2 (4.0%)	1 (2.0%)	2 (4.0%)	3 (6.0%)	
MESENTERY	(50)	(50)	(50)	(50)	(50)
INGUINAL; NODULE; MOTTLED		1 (2.0%)			

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Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
NODULE; MOTTLED					1 (2.0%)
NODULE; TAN	1 (2.0%)			1 (2.0%)	
NODULE; WHITE					1 (2.0%)
NODULE; YELLOW			1 (2.0%)	1 (2.0%)	
PANCREAS	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR			1 (2.0%)		
DISCOLORATION; WHITE				1 (2.0%)	
MASS; MOTTLED				1 (2.0%)	
MASS; TAN	1 (2.0%)			1 (2.0%)	
NODULE; PALE				1 (2.0%)	
STOMACH, FORESTOMACH	(50)	(50)	(50)	(50)	(50)
MASS; MOTTLED				1 (2.0%)	
NODULE; WHITE			1 (2.0%)	3 (6.0%)	
STOMACH, GLANDULAR	(50)	(50)	(50)	(50)	(50)
FOCUS; WHITE		1 (2.0%)			
FOCUS		1 (2.0%)			
NODULE; TAN		1 (2.0%)			
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
ADRENAL GLAND	(50)	(50)	(50)	(50)	(50)
BILATERAL; ENLARGED				1 (2.0%)	
LEFT; ENLARGED; DARK			1 (2.0%)		
LEFT; ENLARGED; TAN					1 (2.0%)
RIGHT; ENLARGED; PALE					1 (2.0%)
RIGHT; ENLARGED				1 (2.0%)	
RIGHT; MASS; WHITE	1 (2.0%)				

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Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
GENITAL SYSTEM					
COAGULATING GLAND, RIGHT	(0)	(0)	(1)	(0)	(1)
CYST; CLEAR			1 (100.0%)		
PENIS	(50)	(50)	(50)	(50)	(50)
PROLAPSE; DARK		1 (2.0%)			
PREPUTIAL GLAND	(50)	(50)	(50)	(50)	(50)
BILATERAL; MASS; TAN		1 (2.0%)			
RIGHT; MASS; GREEN					1 (2.0%)
PROSTATE	(50)	(50)	(50)	(50)	(50)
ENLARGED; TAN	1 (2.0%)				
SMALL				1 (2.0%)	
SEMINAL VESICLE	(50)	(50)	(50)	(50)	(50)
LEFT; DISCOLORATION; BROWN	1 (2.0%)			1 (2.0%)	1 (2.0%)
LEFT; DISCOLORATION; MOTTLED				1 (2.0%)	
RIGHT; DISCOLORATION; BROWN	1 (2.0%)	2 (4.0%)	1 (2.0%)	3 (6.0%)	1 (2.0%)
RIGHT; DISCOLORATION; MOTTLED	1 (2.0%)				
RIGHT; DISCOLORATION; PINK				1 (2.0%)	
RIGHT; DISCOLORATION; RED	1 (2.0%)		1 (2.0%)		
BILATERAL; ENLARGED; BROWN			1 (2.0%)		
BILATERAL; ENLARGED; WHITE	4 (8.0%)	2 (4.0%)	2 (4.0%)	1 (2.0%)	
BILATERAL; ENLARGED; YELLOW				1 (2.0%)	
BILATERAL; ENLARGED	1 (2.0%)		1 (2.0%)	1 (2.0%)	
LEFT; ENLARGED	1 (2.0%)				
ENLARGED; PALE		1 (2.0%)			
BILATERAL; SMALL; DARK	1 (2.0%)				
BILATERAL; SMALL			1 (2.0%)		1 (2.0%)
SMALL			1 (2.0%)		
SEMINAL VESICLE, LEFT	(0)	(0)	(0)	(0)	(1)

Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
BILATERAL; ENLARGED; DARK SEMINAL VESICLE, RIGHT	(0)	(0)	(0)	(0)	1 (100.0%) (1)
BILATERAL; ENLARGED; DARK TESTES	(0)	(0)	(1)	(0)	1 (100.0%) (1)
NODULE; TAN			1 (100.0%)		
TESTIS, LEFT	(50)	(50)	(50)	(50)	(50)
SMALL; DARK	1 (2.0%)				
SMALL		1 (2.0%)		1 (2.0%)	
TESTIS, RIGHT	(50)	(50)	(50)	(50)	(50)
SMALL; DARK	1 (2.0%)				
SMALL		1 (2.0%)		1 (2.0%)	

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Male: Core Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
HEMATOLYMPHOID SYSTEM					
LYMPH NODE	(50)	(50)	(50)	(50)	(50)
RIGHT, RENAL; CYST; CLEAR				1 (2.0%)	
LEFT, RENAL; ENLARGED; MOTTLED					1 (2.0%)
RENAL, BILATERAL; ENLARGED; TAN	1 (2.0%)				
RENAL, LEFT; ENLARGED; TAN					1 (2.0%)
RENAL; ENLARGED; TAN	1 (2.0%)			1 (2.0%)	
LYMPH NODE, MANDIBULAR	(50)	(50)	(50)	(50)	(50)
ENLARGED; TAN			1 (2.0%)		
LYMPH NODE, MEDIASTINAL	(50)	(50)	(50)	(50)	(50)
ENLARGED; TAN				1 (2.0%)	
LYMPH NODE, MESENTERIC	(50)	(50)	(50)	(50)	(50)
ENLARGED; DARK		1 (2.0%)	1 (2.0%)		1 (2.0%)
ENLARGED; MOTTLED	3 (6.0%)			1 (2.0%)	1 (2.0%)
ENLARGED; RED	1 (2.0%)	1 (2.0%)	1 (2.0%)	1 (2.0%)	
ENLARGED; TAN			1 (2.0%)	2 (4.0%)	
ENLARGED; WHITE	1 (2.0%)				
MASS; MOTTLED					1 (2.0%)
SPLEEN	(50)	(50)	(50)	(50)	(50)
ENLARGED; DARK		1 (2.0%)			1 (2.0%)
ENLARGED; MOTTLED	1 (2.0%)			2 (4.0%)	1 (2.0%)
ENLARGED; RED					1 (2.0%)
ENLARGED; TAN			1 (2.0%)	1 (2.0%)	
ENLARGED		1 (2.0%)	2 (4.0%)	1 (2.0%)	2 (4.0%)
MASS; MOTTLED	1 (2.0%)				
MASS; RED	0 *				2 (4.0%)
MASS; TAN		2 (4.0%)			
MASS					1 (2.0%)

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Male: Core Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
NODULE; RED					1 (2.0%)
NODULE; TAN	1 (2.0%)			1 (2.0%)	
SMALL		1 (2.0%)			
THYMUS	(50)	(50)	(50)	(50)	(50)
ENLARGED; TAN					1 (2.0%)
SMALL; TAN					1 (2.0%)
SMALL	2 (4.0%)			1 (2.0%)	

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	Treatment Groups (mg/L)				
	0	30	100	300	1000
INTEGUMENTARY SYSTEM					
MAMMARY GLAND	(50)	(50)	(50)	(50)	(50)
RIGHT, INGUINAL; NODULE; RED		1 (2.0%)			
SKIN	(50)	(50)	(50)	(50)	(50)
LEFT, FACE; ACCUMULUATION; PURPLE		1 (2.0%)			
ACCUMULUATION; CLEAR				1 (2.0%)	
SCROTUM; CRUST; DARK	1 (2.0%)				
CRUST; DARK					1 (2.0%)
CRUST; MOTTLED					1 (2.0%)
CRUST					1 (2.0%)
ABDOMINAL; MASS; TAN				1 (2.0%)	
HINDLIMB, RIGHT; MASS; GREEN		1 (2.0%)			
LEFT, ABDOMINAL; MASS; RED			1 (2.0%)		
LEFT, INGUINAL; MASS; DARK				1 (2.0%)	
RIGHT, ABDOMINAL; MASS; WHITE			1 (2.0%)		
RIGHT, THORACIC; MASS; RED					1 (2.0%)
MASS; RED		1 (2.0%)			
LIP; NODULE; TAN	1 (2.0%)				
NODULE; TAN	0 *			1 (2.0%)	2 (4.0%)
TAIL	(0)	(0)	(0)	(0)	(2)
NODULE					1 (50.0%)

Male: Core Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
MUSCULOSKELETAL SYSTEM					
BONE	(50)	(50)	(50)	(50)	(50)
FEMUR; FRACTURE; RED		1 (2.0%)			
MASS; PURPLE		1 (2.0%)			
LEFT, HINDLIMB; NODULE; WHITE		1 (2.0%)			
SKELETAL MUSCLE	(50)	(50)	(50)	(50)	(50)
DIAPHRAGM; MASS; TAN		1 (2.0%)			
DIAPHRAGM; MASS; WHITE	1 (2.0%)				1 (2.0%)
DIAPHRAGM; NODULE; WHITE	2 (4.0%)				1 (2.0%)
LEFT, HINDLIMB; NODULE; DARK					1 (2.0%)
NODULE; WHITE	1 (2.0%)				
NERVOUS SYSTEM					
None					

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Male: Core Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
RESPIRATORY SYSTEM					
LUNG	(50)	(50)	(50)	(50)	(50)
DISCOLORATION; MOTTLED				1 (2.0%)	
LOBE, LEFT; FOCUS; DARK	1 (2.0%)				
LOBE, LEFT; FOCUS; RED			1 (2.0%)		
LOBE, MIDDLE, RIGHT; FOCUS; WHITE		1 (2.0%)			
RIGHT; FOCUS; CAUDAL, TAN	1 (2.0%)				
RIGHT LOBE; FOCUS; CAUDAL, WHITE					1 (2.0%)
ACCESSORY LOBE; MASS; TAN				1 (2.0%)	
ACCESSORY LOBE; MASS; WHITE		1 (2.0%)			
LEFT; MASS; MOTTLED	1 (2.0%)	1 (2.0%)			
LEFT; MASS; TAN	1 (2.0%)				
LOBE, LEFT; MASS; MOTTLED					1 (2.0%)
LOBE, LEFT; MASS; PALE			1 (2.0%)		
LOBE, LEFT; MASS; TAN				1 (2.0%)	1 (2.0%)
LOBE, LEFT; MASS; WHITE		1 (2.0%)	1 (2.0%)		
LOBE, MIDDLE, RIGHT; MASS; TAN	1 (2.0%)				
RIGHT, CRANIAL; MASS; RED				1 (2.0%)	
RIGHT; MASS; CAUDAL, MOTTLED		1 (2.0%)		1 (2.0%)	
RIGHT; MASS; CAUDAL, TAN	1 (2.0%)	1 (2.0%)			
RIGHT; MASS; CAUDAL, WHITE			1 (2.0%)		
MASS; MOTTLED	1 (2.0%)		1 (2.0%)		
MASS; RED	1 (2.0%)				
MASS; WHITE			1 (2.0%)	1 (2.0%)	
ACCESSORY LOBE; NODULE; TAN	2 (4.0%)				
ACCESSORY LOBE; NODULE; WHITE	2 (4.0%)	1 (2.0%)			2 (4.0%)
CRANIAL; NODULE; MOTTLED					1 (2.0%)
CRANIAL; NODULE; WHITE		1 (2.0%)			

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
LEFT; NODULE; MOTTLED	1 (2.0%)				
LEFT; NODULE; PALE					1 (2.0%)
LEFT; NODULE; RED		1 (2.0%)			
LEFT; NODULE; TAN					1 (2.0%)
LEFT; NODULE		1 (2.0%)			
LOBE, DIAPHRAGMATIC, RIGHT; NODULE; MOTTLED					1 (2.0%)
LOBE, LEFT; NODULE; MOTTLED	1 (2.0%)				
LOBE, LEFT; NODULE; RED					1 (2.0%)
LOBE, LEFT; NODULE; TAN	1 (2.0%)			3 (6.0%)	1 (2.0%)
LOBE, LEFT; NODULE; WHITE	1 (2.0%)		1 (2.0%)	2 (4.0%)	2 (4.0%)
LOBE, MIDDLE, RIGHT; NODULE; MOTTLED					1 (2.0%)
LOBE, MIDDLE, RIGHT; NODULE; PALE					1 (2.0%)
LOBE, MIDDLE, RIGHT; NODULE; TAN	1 (2.0%)	1 (2.0%)		1 (2.0%)	1 (2.0%)
LOBE, MIDDLE, RIGHT; NODULE; WHITE	1 (2.0%)		2 (4.0%)	1 (2.0%)	1 (2.0%)
RIGHT, CRANIAL; NODULE; MOTTLED	2 (4.0%)	1 (2.0%)			
RIGHT, CRANIAL; NODULE; RED				1 (2.0%)	
RIGHT, CRANIAL; NODULE; TAN				1 (2.0%)	
RIGHT, CRANIAL; NODULE; WHITE	3 (6.0%)		2 (4.0%)	1 (2.0%)	
RIGHT; NODULE; CAUDAL, DARK				1 (2.0%)	
RIGHT; NODULE; CAUDAL, MOTTLED		1 (2.0%)			
RIGHT; NODULE; CAUDAL, RED				1 (2.0%)	
RIGHT; NODULE; CAUDAL, TAN	1 (2.0%)	1 (2.0%)		1 (2.0%)	
RIGHT; NODULE; CAUDAL, WHITE	1 (2.0%)	2 (4.0%)	3 (6.0%)	1 (2.0%)	
RIGHT; NODULE; CRANIAL, TAN				1 (2.0%)	1 (2.0%)
RIGHT; NODULE; CRANIAL, WHITE					1 (2.0%)
RIGHT LOBE, CRANIAL; NODULE; WHITE			1 (2.0%)		
RIGHT LOBE; NODULE; CAUDAL, WHITE			1 (2.0%)		
RIGHT LOBE; NODULE; CRANIAL, WHITE					1 (2.0%)

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
RIGHT LOBE; NODULE; WHITE	1 (2.0%)				
NODULE; TAN		2 (4.0%)			
NODULE; WHITE				1 (2.0%)	
THORAX	(50)	(50)	(50)	(50)	(50)
ACCUMULUATION; CLEAR		1 (2.0%)			
FLUID; DARK			1 (2.0%)		
FLUID; RED	1 (2.0%)		1 (2.0%)	2 (4.0%)	
SPECIAL SENSES SYSTEM					
EYE	(50)	(50)	(50)	(50)	(50)
LEFT; DISCOLORATION; OPAQUE			1 (2.0%)	1 (2.0%)	1 (2.0%)
LEFT; DISCOLORATION; WHITE				1 (2.0%)	
RIGHT; DISCOLORATION; OPAQUE					1 (2.0%)
LEFT; NODULE; TAN		1 (2.0%)			
LEFT; SMALL	1 (2.0%)				
HARDERIAN GLAND	(50)	(50)	(50)	(50)	(50)
LEFT; ENLARGED; TAN	1 (2.0%)		1 (2.0%)		2 (4.0%)
RIGHT; ENLARGED; PALE					1 (2.0%)
RIGHT; ENLARGED; TAN	1 (2.0%)			1 (2.0%)	1 (2.0%)
LEFT; MASS; TAN	1 (2.0%)	1 (2.0%)	1 (2.0%)	1 (2.0%)	
LEFT; MASS; WHITE			1 (2.0%)	1 (2.0%)	
RIGHT; MASS; TAN		1 (2.0%)			
LEFT; NODULE; TAN	1 (2.0%)				
RIGHT; NODULE; TAN		1 (2.0%)			
RIGHT; NODULE; WHITE		1 (2.0%)			
ZYMBALS GLAND	(50)	(50)	(50)	(50)	(50)
LEFT; MASS; TAN			1 (2.0%)		

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Male: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
URINARY SYSTEM					
KIDNEY, LEFT	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR			1 (2.0%)	1 (2.0%)	
DEFORMITY; PALE	2 (4.0%)	1 (2.0%)	1 (2.0%)	1 (2.0%)	
DEFORMITY	1 (2.0%)		1 (2.0%)		
PELVIS; DILATION; CLEAR				1 (2.0%)	
DISCOLORATION; PALE	1 (2.0%)	1 (2.0%)			
ENLARGED; PALE	1 (2.0%)		1 (2.0%)	1 (2.0%)	
ENLARGED; RED			1 (2.0%)		
FOCUS; WHITE	1 (2.0%)				
KIDNEY, RIGHT	(50)	(50)	(50)	(50)	(50)
DEFORMITY; PALE	2 (4.0%)	1 (2.0%)	1 (2.0%)	1 (2.0%)	
DEFORMITY	1 (2.0%)		1 (2.0%)		
PELVIS; DILATION				1 (2.0%)	
DISCOLORATION; PALE	1 (2.0%)	1 (2.0%)			
ENLARGED; PALE	1 (2.0%)		1 (2.0%)	1 (2.0%)	
URETER	(50)	(50)	(50)	(50)	(50)
LEFT; DILATION				1 (2.0%)	
RIGHT; DILATION				1 (2.0%)	
URINARY BLADDER	(50)	(50)	(50)	(50)	(50)
DILATION; DARK				1 (2.0%)	
DILATION; RED			1 (2.0%)		
LUMEN; UROLITH; WHITE		1 (2.0%)			

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
Disposition Summary					
Animals Initially In Study	50	50	50	50	50
Censored					
Early Deaths					
Found Dead	13	9	11	8	11
Sacrificed, Moribund	2	2	5	8	2
Survivors					
Scheduled Sacrifice, Terminal	35	39	34	34	37
Number of Animals Examined	50	50	50	50	50

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
ALIMENTARY SYSTEM					
GALLBLADDER	(50)	(50)	(50)	(50)	(50)
ENLARGED; DARK				1 (2.0%)	
INTESTINE, SMALL, ILEUM	(50)	(50)	(50)	(50)	(50)
ENLARGED	1 (2.0%)				
INTESTINE, SMALL, JEJUNUM	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR			1 (2.0%)		
DIVERTICULUM	1 (2.0%)				
PEYERS PATCH; ENLARGED; PALE			1 (2.0%)		
PEYERS PATCH; ENLARGED; TAN		1 (2.0%)			
ENLARGED; TAN	1 (2.0%)				
MASS; TAN	1 (2.0%)	1 (2.0%)		1 (2.0%)	
NODULE			1 (2.0%)		
LIVER	(50)	(50)	(50)	(50)	(50)
LOBE, MEDIAN; CYST; CLEAR					1 (2.0%)
DEFORMITY; DIFFUSE				1 (2.0%)	
DEFORMITY; MOTTLED		1 (2.0%)			
BILE DUCT; DILATION; CLEAR					1 (2.0%)
DISCOLORATION; DIFFUSE, MOTTLED				1 (2.0%)	
ENLARGED; DARK		1 (2.0%)			
ENLARGED; MOTTLED				1 (2.0%)	
ENLARGED; PALE				2 (4.0%)	
ENLARGED		1 (2.0%)			
LOBE, LEFT; FOCUS; TAN		1 (2.0%)	1 (2.0%)		2 (4.0%)
LOBE, LEFT; FOCUS; WHITE	1 (2.0%)	1 (2.0%)	2 (4.0%)	1 (2.0%)	1 (2.0%)
LOBE, LEFT; FOCUS	0 *				2 (4.0%)
LOBE, MEDIAN; FOCUS; DARK	2 (4.0%)				
LOBE, MEDIAN; FOCUS; RED			1 (2.0%)		

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
LOBE, MEDIAN; FOCUS; TAN				1 (2.0%)	
LOBE, MEDIAN; FOCUS; WHITE	2 (4.0%)				
RIGHT; FOCUS; WHITE					1 (2.0%)
CAUDATE LOBE; MASS; MOTTLED	1 (2.0%)		4 (8.0%)	1 (2.0%)	1 (2.0%)
CAUDATE LOBE; MASS; WHITE	1 (2.0%)				
LOBE, LEFT; MASS; MOTTLED	2 (4.0%) *		5 (10.0%)	6 (12.0%)	7 (14.0%)
LOBE, LEFT; MASS; RED	1 (2.0%)			1 (2.0%)	
LOBE, LEFT; MASS; TAN		3 (6.0%)	1 (2.0%)	3 (6.0%)	
LOBE, LEFT; MASS; WHITE					1 (2.0%)
LOBE, LEFT; MASS			1 (2.0%)		
LOBE, MEDIAN; MASS; DARK	1 (2.0%)				
LOBE, MEDIAN; MASS; MOTTLED	5 (10.0%) *	4 (8.0%)	5 (10.0%)	3 (6.0%)	10 (20.0%)
LOBE, MEDIAN; MASS; RED				1 (2.0%)	
LOBE, MEDIAN; MASS; TAN	4 (8.0%)	2 (4.0%)	1 (2.0%)	7 (14.0%)	5 (10.0%)
LOBE, MEDIAN; MASS; WHITE			1 (2.0%)		1 (2.0%)
RIGHT; MASS; DARK			1 (2.0%)		
RIGHT; MASS; MOTTLED		3 (6.0%)	3 (6.0%)	3 (6.0%)	3 (6.0%)
RIGHT; MASS; RED		1 (2.0%)			
RIGHT; MASS; TAN			3 (6.0%)	1 (2.0%)	
RIGHT; MASS; WHITE				1 (2.0%)	1 (2.0%)
MASS; MOTTLED	2 (4.0%)				
CAUDATE LOBE; NODULE; PALE					1 (2.0%)
CAUDATE LOBE; NODULE; TAN	4 (8.0%)		4 (8.0%)	1 (2.0%)	1 (2.0%)
CAUDATE LOBE; NODULE; WHITE		1 (2.0%)			
CAUDATE LOBE; NODULE				1 (2.0%)	1 (2.0%)
LOBE, LEFT; NODULE; DARK	1 (2.0%)				
LOBE, LEFT; NODULE; MOTTLED	1 (2.0%)	1 (2.0%)	1 (2.0%)		
LOBE, LEFT; NODULE; PALE				1 (2.0%)	

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
LOBE, LEFT; NODULE; RED				1 (2.0%)	
LOBE, LEFT; NODULE; TAN	5 (10.0%)	8 (16.0%)	7 (14.0%)	4 (8.0%)	4 (8.0%)
LOBE, LEFT; NODULE; WHITE	1 (2.0%)	1 (2.0%)	1 (2.0%)	1 (2.0%)	1 (2.0%)
LOBE, LEFT; NODULE; YELLOW				1 (2.0%)	
LOBE, MEDIAN; NODULE; DARK			1 (2.0%)		
LOBE, MEDIAN; NODULE; MOTTLED		1 (2.0%)	1 (2.0%)		
LOBE, MEDIAN; NODULE; PALE	1 (2.0%)				
LOBE, MEDIAN; NODULE; TAN	2 (4.0%)	6 (12.0%)	6 (12.0%)	5 (10.0%)	6 (12.0%)
LOBE, MEDIAN; NODULE; WHITE	1 (2.0%)		1 (2.0%)		
LOBE, MEDIAN; NODULE					1 (2.0%)
RIGHT; NODULE; MOTTLED					1 (2.0%)
RIGHT; NODULE; PINK	1 (2.0%)				
RIGHT; NODULE; TAN	2 (4.0%)	2 (4.0%)	3 (6.0%)	2 (4.0%)	1 (2.0%)
RIGHT; NODULE; WHITE	2 (4.0%)		1 (2.0%)		1 (2.0%)
RIGHT LOBE; NODULE; TAN			1 (2.0%)	1 (2.0%)	
NODULE; TAN	1 (2.0%)		1 (2.0%)		1 (2.0%)
NODULE; WHITE			1 (2.0%)		
MESENTERY	(50)	(50)	(50)	(50)	(50)
NODULE; GREEN			1 (2.0%)		
NODULE; MOTTLED	2 (4.0%)	1 (2.0%)	3 (6.0%)	4 (8.0%)	2 (4.0%)
NODULE; TAN	2 (4.0%)		1 (2.0%)	3 (6.0%)	
NODULE; YELLOW	1 (2.0%)	1 (2.0%)	3 (6.0%)	3 (6.0%)	4 (8.0%)
PANCREAS	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR	1 (2.0%)				
MASS; MOTTLED		1 (2.0%)			
MASS; RED		1 (2.0%)			
MASS; TAN		1 (2.0%)	1 (2.0%)		2 (4.0%)
NODULE; TAN	1 (2.0%)	1 (2.0%)		1 (2.0%)	

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
STOMACH, FORESTOMACH NODULE; WHITE NODULE	(50) 1 (2.0%)	(50)	(50)	(50) 1 (2.0%)	(50) 1 (2.0%)
STOMACH, GLANDULAR FOCUS; DARK MASS; MOTTLED NODULE; TAN	(50)	(50)	(50) 1 (2.0%)	(50) 1 (2.0%) 1 (2.0%)	(50)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
ADRENAL GLAND BILATERAL; ENLARGED; TAN RIGHT; ENLARGED; MOTTLED RIGHT; ENLARGED; TAN	(50)	(50) 1 (2.0%) 1 (2.0%)	(50)	(50)	(50) 1 (2.0%)
PITUITARY GLAND ENLARGED; MOTTLED ENLARGED; PALE ENLARGED; RED ENLARGED; TAN NODULE; RED NODULE; TAN	(50) 2 (4.0%) 1 (2.0%)	(50) 1 (2.0%) 2 (4.0%)	(50) 1 (2.0%) 1 (2.0%)	(50) 1 (2.0%)	(50) 1 (2.0%) 1 (2.0%)

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
GENERAL BODY SYSTEM					
ABDOMEN	(50)	(50)	(50)	(50)	(50)
ACCUMULUATION; CLOUDY				1 (2.0%)	
ACCUMULUATION; RED			1 (2.0%)		
FLUID; RED		1 (2.0%)	2 (4.0%)	2 (4.0%)	
FAT	(0)	(0)	(0)	(1)	(0)
ABDOMINAL, BILATERAL; DISCOLORATION; MOTTLED				1 (100.0%)	

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
GENITAL SYSTEM					
CERVIX	(50)	(50)	(50)	(50)	(50)
MASS; MOTTLED	0 *				2 (4.0%)
OVARY	(0)	(1)	(0)	(0)	(0)
CYST; CLEAR		1 (100.0%)			
OVARY, LEFT	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR	1 (2.0%) *	4 (8.0%)	1 (2.0%)	1 (2.0%)	6 (12.0%)
CYST; RED		1 (2.0%)	1 (2.0%)		
CYST					1 (2.0%)
ENLARGED; MOTTLED	1 (2.0%)				
ENLARGED; RED				1 (2.0%)	
MASS; GREEN	1 (2.0%)				
MASS; MOTTLED	1 (2.0%)				
MASS; RED				1 (2.0%)	
OVARY, RIGHT	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR	2 (4.0%)	5 (10.0%)		6 (12.0%)	3 (6.0%)
CYST; DARK					1 (2.0%)
CYST; RED				1 (2.0%)	1 (2.0%)
ENLARGED; MOTTLED	1 (2.0%)		1 (2.0%)		
ENLARGED; RED					1 (2.0%)
MASS; GREEN	1 (2.0%)				
MASS; RED				1 (2.0%)	
UTERUS	(50)	(50)	(50)	(50)	(50)
BILATERAL; DILATION; BROWN		1 (2.0%)			
BILATERAL; DILATION; CLEAR					1 (2.0%)
BILATERAL; DILATION; MOTTLED	1 (2.0%)				
BILATERAL; DILATION	1 (2.0%)	2 (4.0%)	3 (6.0%)	1 (2.0%)	1 (2.0%)
LEFT; DILATION	3 (6.0%) *	2 (4.0%)	2 (4.0%)	2 (4.0%)	7 (14.0%)

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
RIGHT; DILATION; BROWN	0 *				2 (4.0%)
RIGHT; DILATION; DARK			1 (2.0%)		
RIGHT; DILATION; MOTTLED				1 (2.0%)	
RIGHT; DILATION; PINK			1 (2.0%)		
RIGHT; DILATION	3 (6.0%)	3 (6.0%)	4 (8.0%)	1 (2.0%)	3 (6.0%)
RIGHT; MASS; MOTTLED				1 (2.0%)	
RIGHT; MASS; PALE			1 (2.0%)		
MASS; TAN				1 (2.0%)	
RIGHT; NODULE; WHITE					1 (2.0%)
NODULE	1 (2.0%)				
VAGINA	(50)	(50)	(50)	(50)	(50)
NODULE; MOTTLED			1 (2.0%)		

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
HEMATOLYMPHOID SYSTEM					
LYMPH NODE	(50)	(50)	(50)	(50)	(50)
AXILLARY; ENLARGED; TAN			1 (2.0%)		
ILLIAC; ENLARGED; TAN			2 (4.0%)		
LUMBAR, BILATERAL; ENLARGED; TAN			1 (2.0%)		
LUMBAR; ENLARGED; TAN	1 (2.0%)		2 (4.0%)	1 (2.0%)	
LUMBAR; ENLARGED		1 (2.0%)			
RENAL, BILATERAL; ENLARGED; TAN			1 (2.0%)		
RENAL; ENLARGED; TAN			1 (2.0%)	1 (2.0%)	
RENAL; ENLARGED					1 (2.0%)
LYMPH NODE, AXILLARY	(1)	(0)	(0)	(0)	(0)
LEFT; ENLARGED; RED	1 (100.0%)				
LYMPH NODE, BRONCHIAL	(50)	(50)	(50)	(50)	(50)
ENLARGED; TAN			1 (2.0%)		1 (2.0%)
LYMPH NODE, MANDIBULAR	(50)	(50)	(50)	(50)	(50)
ENLARGED; TAN	1 (2.0%)			1 (2.0%)	
LYMPH NODE, MEDIASTINAL	(50)	(50)	(50)	(50)	(50)
ENLARGED; DARK			1 (2.0%)		
ENLARGED; TAN	1 (2.0%)		1 (2.0%)	2 (4.0%)	
ENLARGED	1 (2.0%)	2 (4.0%)			
LYMPH NODE, MESENTERIC	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR	1 (2.0%)				
ENLARGED; DARK	1 (2.0%)	1 (2.0%)			
ENLARGED; MOTTLED	1 (2.0%)	2 (4.0%)	1 (2.0%)		
ENLARGED; PALE			1 (2.0%)		
ENLARGED; RED					1 (2.0%)
ENLARGED; TAN	4 (8.0%)		3 (6.0%)	2 (4.0%)	
ENLARGED	2 (4.0%)			1 (2.0%)	1 (2.0%)

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
MASS; MOTTLED			1 (2.0%)		
SPLEEN	(50)	(50)	(50)	(50)	(50)
CYST; CLEAR					1 (2.0%)
DEFORMITY; MOTTLED					1 (2.0%)
DEFORMITY			1 (2.0%)		
ENLARGED; DARK		1 (2.0%)		3 (6.0%)	
ENLARGED; MOTTLED	3 (6.0%)	1 (2.0%)	2 (4.0%)	2 (4.0%)	4 (8.0%)
ENLARGED; PALE			1 (2.0%)		
ENLARGED; RED		2 (4.0%)			
ENLARGED	2 (4.0%)	1 (2.0%)	3 (6.0%)	1 (2.0%)	
FOCUS; PALE			1 (2.0%)		
MASS; MOTTLED		1 (2.0%)			1 (2.0%)
MASS; RED		1 (2.0%)			
MASS; TAN				1 (2.0%)	
NODULE; DARK					1 (2.0%)
NODULE; MOTTLED				1 (2.0%)	
NODULE; TAN	1 (2.0%)		1 (2.0%)		
THYMUS	(50)	(50)	(50)	(50)	(50)
ENLARGED; PALE				1 (2.0%)	
ENLARGED; TAN	2 (4.0%)		1 (2.0%)	1 (2.0%)	1 (2.0%)
MASS; MOTTLED		1 (2.0%)			

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/18/2026
Time Report Requested: 11:20:10
Lab: Battelle

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
INTEGUMENTARY SYSTEM					
MAMMARY GLAND	(50)	(50)	(50)	(50)	(50)
ABDOMINAL, VENTRAL; MASS; MOTTLED				1 (2.0%)	
AXILLARY; MASS; RED	1 (2.0%)				
LEFT, THORACIC; MASS; MOTTLED		1 (2.0%)		1 (2.0%)	
LEFT, THORACIC; MASS; RED	1 (2.0%)				
RIGHT, ABDOMINAL; MASS; PALE	1 (2.0%)				
RIGHT, AXILLARY; MASS; TAN			1 (2.0%)		
RIGHT, DORSAL; MASS; MOTTLED	1 (2.0%)				
RIGHT, THORACIC; MASS; MOTTLED		2 (4.0%)			
LEFT, THORACIC; NODULE; RED	1 (2.0%)				
SKIN	(50)	(50)	(50)	(50)	(50)
DORSAL, SCAPULA; CRUST; RED	1 (2.0%)				
DORSAL; CRUST; RED	1 (2.0%)				
LEFT, DORSAL; CRUST; TAN			1 (2.0%)		
RIGHT, DORSAL; CRUST; DARK				1 (2.0%)	
LACERATION; RED				1 (2.0%)	
HINDLIMB, LEFT; MASS; MOTTLED					1 (2.0%)
RIGHT, AXILLARY; MASS; MOTTLED				1 (2.0%)	
RIGHT, DORSAL; MASS; MOTTLED			1 (2.0%)		
RIGHT, HINDLIMB; MASS; TAN	1 (2.0%)				
RIGHT, THORACIC; MASS; MOTTLED		1 (2.0%)			
MASS; MOTTLED			1 (2.0%)		
MASS; TAN		1 (2.0%)			
NOSE; NODULE; WHITE				1 (2.0%)	
NODULE; TAN			1 (2.0%)		

Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
MUSCULOSKELETAL SYSTEM					
BONE	(50)	(50)	(50)	(50)	(50)
THORACIC, VERTEBRA; DEFORMITY	1 (2.0%)				
THORACIC, VERTEBRA; MASS; MOTTLED		1 (2.0%)			
VERTEBRA, LUMBAR; MASS; WHITE					1 (2.0%)
SKELETAL MUSCLE	(50)	(50)	(50)	(50)	(50)
DIAPHRAGM; MASS; MOTTLED			1 (2.0%)		
DIAPHRAGM; MASS; RED			1 (2.0%)		
DIAPHRAGM; MASS; TAN		1 (2.0%)	1 (2.0%)		1 (2.0%)
DIAPHRAGM; MASS; WHITE				1 (2.0%)	
HINDLIMB, RIGHT; MASS; RED			1 (2.0%)		
RIGHT, LUMBAR; MASS; TAN			1 (2.0%)		
MASS; MOTTLED			1 (2.0%)		
DIAPHRAGM; NODULE; TAN	1 (2.0%)	1 (2.0%)			1 (2.0%)
DIAPHRAGM; NODULE; WHITE				1 (2.0%)	
DIAPHRAGM; THICK; TAN				1 (2.0%)	
NERVOUS SYSTEM					
None					

Study Number: C11054B-02
Test Type: TOX
Route: Dosing in Water
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
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CAS Number: 126-33-0

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	Treatment Groups (mg/L)				
	0	30	100	300	1000
RESPIRATORY SYSTEM					
LUNG	(50)	(50)	(50)	(50)	(50)
LEFT; FOCUS; RED					1 (2.0%)
LEFT; FOCUS; WHITE				1 (2.0%)	
LOBE, LEFT; FOCUS; WHITE			1 (2.0%)		
LOBE, MIDDLE, RIGHT; FOCUS; WHITE					1 (2.0%)
RIGHT, CRANIAL; FOCUS; WHITE		1 (2.0%)			
FOCUS; DARK		1 (2.0%)			
LEFT; MASS; WHITE	1 (2.0%)				
LOBE, DIAPHRAGMATIC, RIGHT; MASS; TAN				1 (2.0%)	
LOBE, LEFT; MASS; TAN			1 (2.0%)		
LOBE, LEFT; MASS; WHITE		1 (2.0%)	1 (2.0%)		
RIGHT, CRANIAL; MASS; WHITE		1 (2.0%)			
MASS; MOTTLED		1 (2.0%)			
ACCESSORY LOBE; NODULE; TAN					1 (2.0%)
ACCESSORY LOBE; NODULE; WHITE		1 (2.0%)			1 (2.0%)
CRANIAL, RIGHT; NODULE; WHITE	1 (2.0%)				
CRANIAL; NODULE; TAN			1 (2.0%)		
LEFT; NODULE; WHITE	1 (2.0%)		2 (4.0%)	1 (2.0%)	
LOBE, LEFT; NODULE; MOTTLED			1 (2.0%)	1 (2.0%)	1 (2.0%)
LOBE, LEFT; NODULE; TAN			1 (2.0%)		
LOBE, LEFT; NODULE; WHITE		1 (2.0%)	2 (4.0%)		
LOBE, MIDDLE, RIGHT; NODULE; WHITE			1 (2.0%)		1 (2.0%)
RIGHT, CRANIAL; NODULE; WHITE			1 (2.0%)		
RIGHT; NODULE; CAUDAL, WHITE		2 (4.0%)	2 (4.0%)	2 (4.0%)	
RIGHT; NODULE; WHITE		1 (2.0%)		1 (2.0%)	
RIGHT LOBE; NODULE; CAUDAL, TAN					1 (2.0%)
THORAX	(50)	(50)	(50)	(50)	(50)

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Female: Core Animals					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
ACCUMULUATION; RED			1 (2.0%)	1 (2.0%)	
ACCUMULUATION; WHITE			1 (2.0%)		
SPECIAL SENSES SYSTEM					
EYE	(50)	(50)	(50)	(50)	(50)
RIGHT; DISCOLORATION; OPAQUE	1 (2.0%)				
LEFT; SMALL				1 (2.0%)	
HARDERIAN GLAND	(50)	(50)	(50)	(50)	(50)
LEFT; ENLARGED; TAN		1 (2.0%)	1 (2.0%)	1 (2.0%)	
LEFT; ENLARGED; WHITE		1 (2.0%)			
RIGHT; ENLARGED; WHITE				1 (2.0%)	
LEFT; MASS; TAN				1 (2.0%)	
LEFT; NODULE; PINK		1 (2.0%)			
RIGHT; NODULE; PINK	1 (2.0%)			1 (2.0%)	
RIGHT; NODULE; TAN				1 (2.0%)	
URINARY SYSTEM					
KIDNEY, LEFT	(50)	(50)	(50)	(50)	(50)
DEFORMITY; PALE					1 (2.0%)
DILATION; PALE					1 (2.0%)
NODULE; WHITE					1 (2.0%)
KIDNEY, RIGHT	(50)	(50)	(50)	(50)	(50)
DEFORMITY; PALE					1 (2.0%)
DILATION					1 (2.0%)
MASS; TAN					1 (2.0%)
URETER	(50)	(50)	(50)	(50)	(50)
LEFT; MASS; DARK				1 (2.0%)	
URINARY BLADDER	(50)	(50)	(50)	(50)	(50)
DISCOLORATION; DARK		1 (2.0%)			

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LEGEND

For this study, "Censored" refers to animals removed from the study for interim sacrifice.

In the rows with the tissue names, the number of animals with each tissue is shown in parentheses.

In the rows with the lesion names, the number of animals with observation are reported with percent incidence in parentheses. If none of the animals examined have the specific lesion, there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion; in that case a 0 is included for the control group on the table for that lesion.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided tests.

Statistical significance for the control group indicates a significant trend test.

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group.

* Statistically significant at $p \leq 0.05$

** Statistically significant at $p \leq 0.01$

**** END OF REPORT ****