

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

PA10X: Statistical Analysis of Non-Neoplastic Lesions
Test Compound: Sulfolane
CAS Number: 126-33-0
Target Version: Actions To Be Taken

Date Report Requested: 12/09/2022
Time Report Requested: 06:24:49
Lab: Battelle with CRL

Study Number:

C11054B-02

Study Sex:

Both

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.4.3

Stat Version:

2021.08.20S

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 Animals Examined Microscopically	10				10
ALIMENTARY SYSTEM					
LIVER	(10)	(0)	(0)	(0)	(10)
NECROSIS	2 (20%)				2 (20%)
SALIVARY GLAND	(10)	(0)	(0)	(0)	(10)
ATROPHY					1 (10%)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					

Male : Interim Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
KIDNEY	(10)	(0)	(0)	(0)	(10)
RENAL TUBULE; CYST					1 (10%)

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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 Animals Examined Microscopically	10		1		10
ALIMENTARY SYSTEM					
LIVER	(10)	(0)	(0)	(0)	(10)
NECROSIS	1 (10%)				
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
UTERUS	(10)	(0)	(1)	(0)	(10)
ENDOMETRIUM; HYPERPLASIA; FOCAL			1 (100%)		
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					

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Female : Interim Animals					
Treatment Groups (mg/L)					
	0	30	100	300	1000
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
KIDNEY	(10)	(0)	(0)	(0)	(10)
RENAL TUBULE; CYST					1 (10%)

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LEGEND

Censored animals are animals not in one of the other disposition categories that are removed prior to the end of the study. The censored animals are included in the pathology data if microscopic examination of tissues was performed.

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then 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 then a 0 is included for the control group on the table for that lesion.

Number of animals with observation reported with percent incidence in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion.

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

Trend significance is reported only for those organs that were fully examined in the control group plus two or more other dose groups. For organs that were fully examined in just the control and one other dose group, only the pairwise significance is reported.

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 ****