

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

PA08: Statistical Analysis of 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: 06:04:58
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: 2022.03.03S

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF SULFOLANE

Males: Core Animals

Organ	Morphology
ALL ORGANS	HEMANGIOSARCOMA HEMANGIOSARCOMA OR HEMANGIOMA HEMANGIOSARCOMA TRICHOEPITHELIOMA HEMANGIOMA HEMANGIOSARCOMA
LIVER	
SKIN: EPIDERMIS	
SPLEEN	

Females: Core Animals

Organ	Morphology
LIVER	HEPATOCELLULAR ADENOMA OR HEPATOCELLULAR CARCINOMA HEPATOCELLULAR ADENOMA; HEPATOCELLULAR CARCINOMA OR HEPATOBLASTOMA HEPATOCELLULAR CARCINOMA HEPATOCELLULAR CARCINOMA OR HEPATOBLASTOMA
LUNG	ALVEOLAR/BRONCHIOLAR ADENOMA

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	Males: Core Animals				
	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
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 Animals Examined Microscopically	50	50	50	50	50

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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
HEMANGIOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	1/50 (2%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY 3 RATE	2/45.01	1/43.33	3/44.1	1/43.4	2/43.86
POLY 3 PERCENT	4.44%	2.31%	6.8%	2.3%	4.56%
TERMINAL	2/34 (6%)	1/28 (4%)	2/35 (6%)	1/32 (3%)	0/29 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	675	730 (T)	565
STATISTICAL TESTS					
POLY 3	P=0.603	P=0.871	P=0.491	P=0.872	P=0.685
POLY 1.5	P=0.603	P=0.874	P=0.493	P=0.874	P=0.688
POLY 6	P=0.604	P=0.867	P=0.494	P=0.871	P=0.681
COCH-ARM / FISHERS	P=0.606	P=0.879	P=0.500	P=0.879	P=0.691

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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	6/50 (12%)	4/50 (8%)	3/50 (6%)	12/50 (24%)
POLY 3 RATE	3/45.01	6/45.05	4/44.87	3/44.1	12/44.77
POLY 3 PERCENT	6.67%	13.32%	8.91%	6.8%	26.8%
TERMINAL	3/34 (9%)	2/28 (7%)	2/35 (6%)	1/32 (3%)	6/29 (21%)
FIRST INCIDENCE	730 (T)	552	523	626	567
STATISTICAL TESTS					
POLY 3	P=0.002**	P=0.242	P=0.498	P=0.653	P=0.010**
POLY 1.5	P=0.002**	P=0.243	P=0.497	P=0.655	P=0.010**
POLY 6	P=0.002**	P=0.240	P=0.507	P=0.656	P=0.009**
COCH-ARM / FISHERS	P=0.003**	P=0.243	P=0.500	P=0.661	P=0.011*

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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
HEMANGIOSARCOMA OR HEMANGIOMA					
TUMOR RATES					
OVERALL	4/50 (8%)	7/50 (14%)	7/50 (14%)	4/50 (8%)	14/50 (28%)
POLY 3 RATE	4/45.01	7/45.05	7/45.08	4/44.1	14/45.47
POLY 3 PERCENT	8.89%	15.54%	15.53%	9.07%	30.79%
TERMINAL	4/34 (12%)	3/28 (11%)	4/35 (11%)	2/32 (6%)	6/29 (21%)
FIRST INCIDENCE	730 (T)	552	523	626	565
STATISTICAL TESTS					
POLY 3	P=0.003**	P=0.261	P=0.261	P=0.632	P=0.008**
POLY 1.5	P=0.004**	P=0.262	P=0.259	P=0.634	P=0.008**
POLY 6	P=0.004**	P=0.259	P=0.272	P=0.636	P=0.008**
COCH-ARM / FISHERS	P=0.004**	P=0.262	P=0.262	P=0.643	P=0.009**

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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
MALIGNANT LYMPHOMA: HISTIOCYTIC, LYMPHOCYTIC, MIXED OR UNDIFFERENTIATED CELL TYPE					
TUMOR RATES					
OVERALL	2/50 (4%)	0/50 (0%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY 3 RATE	2/45.1	0/43.33	0/43.89	3/43.77	2/43.49
POLY 3 PERCENT	4.43%	0%	0%	6.85%	4.6%
TERMINAL	1/34 (3%)	0/28 (0%)	0/35 (0%)	1/32 (3%)	1/29 (3%)
FIRST INCIDENCE	706	---	---	631	643
STATISTICAL TESTS					
POLY 3	P=0.282	P=0.983	P=0.983	P=0.486	P=0.681
POLY 1.5	P=0.284	P=0.983	P=0.983	P=0.490	P=0.686
POLY 6	P=0.280	P=0.982	P=0.983	P=0.485	P=0.675
COCH-ARM / FISHERS	P=0.286	P=1.000	P=1.000	P=0.500	P=0.691

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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
BONE MARROW					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	0/45.01	2/43.9	0/43.89	0/43.4	1/43.17
POLY 3 PERCENT	0%	4.56%	0%	0%	2.32%
TERMINAL	0/34 (0%)	1/28 (4%)	0/35 (0%)	0/32 (0%)	1/29 (3%)
FIRST INCIDENCE	---	552	---	---	730 (T)
STATISTICAL TESTS					
POLY 3	P=0.582	P=0.231			P=0.492
POLY 1.5	P=0.587	P=0.234			P=0.495
POLY 6	P=0.574	P=0.227			P=0.487
COCH-ARM / FISHERS	P=0.591	P=0.247			P=0.500

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HARDERIAN GLAND ADENOMA					
TUMOR RATES					
OVERALL	5/50 (10%)	5/50 (10%)	3/50 (6%)	4/49 (8%)	4/50 (8%)
POLY 3 RATE	5/45.2	5/44.21	3/43.89	4/43.31	4/43.78
POLY 3 PERCENT	11.06%	11.31%	6.84%	9.23%	9.14%
TERMINAL	4/34 (12%)	1/28 (4%)	3/35 (9%)	2/31 (6%)	2/29 (7%)
FIRST INCIDENCE	679	650	730 (T)	536	542
STATISTICAL TESTS					
POLY 3	P=0.657	P=0.617	P=0.856	P=0.736	P=0.742
POLY 1.5	P=0.661	P=0.622	P=0.858	P=0.739	P=0.748
POLY 6	P=0.648	P=0.609	P=0.857	P=0.737	P=0.733
COCH-ARM / FISHERS	P=0.667	P=0.630	P=0.866	P=0.746	P=0.757

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HARDERIAN GLAND					
ADENOMA OR ADENOCARCINOMA					
TUMOR RATES					
OVERALL	6/50 (12%)	5/50 (10%)	4/50 (8%)	4/49 (8%)	5/50 (10%)
POLY 3 RATE	6/45.24	5/44.21	4/43.99	4/43.31	5/43.78
POLY 3 PERCENT	13.26%	11.31%	9.09%	9.23%	11.42%
TERMINAL	4/34 (12%)	1/28 (4%)	3/35 (9%)	2/31 (6%)	3/29 (10%)
FIRST INCIDENCE	679	650	704	536	542
STATISTICAL TESTS					
POLY 3	P=0.593	P=0.726	P=0.830	P=0.824	P=0.720
POLY 1.5	P=0.598	P=0.731	P=0.833	P=0.826	P=0.727
POLY 6	P=0.583	P=0.719	P=0.831	P=0.825	P=0.710
COCH-ARM / FISHERS	P=0.605	P=0.738	P=0.841	P=0.833	P=0.738

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HEART					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY 3 RATE	1/45.1	0/43.33	0/43.89	0/43.4	0/43.17
POLY 3 PERCENT	2.22%	0%	0%	0%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	706	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.957	P=0.976	P=0.977	P=0.976	P=0.976
POLY 1.5	P=0.957	P=0.977	P=0.977	P=0.977	P=0.977
POLY 6	P=0.957	P=0.975	P=0.977	P=0.976	P=0.975
COCH-ARM / FISHERS	P=0.957	P=1.000	P=1.000	P=1.000	P=1.000

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
ADENOCARCINOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/45.01	0/43.33	1/43.89	1/43.4	0/43.17
POLY 3 PERCENT	0%	0%	2.28%	2.3%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	1/35 (3%)	1/32 (3%)	0/29 (0%)
FIRST INCIDENCE	---	---	730 (T)	730 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.834		P=0.495	P=0.493	
POLY 1.5	P=0.836		P=0.496	P=0.495	
POLY 6	P=0.831		P=0.496	P=0.491	
COCH-ARM / FISHERS	P=0.840		P=0.500	P=0.500	

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
ADENOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	1/50 (2%)	3/50 (6%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	3/45.01	1/43.86	3/44.37	0/43.4	1/43.29
POLY 3 PERCENT	6.67%	2.28%	6.76%	0%	2.31%
TERMINAL	3/34 (9%)	0/28 (0%)	2/35 (6%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	730 (T)	566	586	---	700
STATISTICAL TESTS					
POLY 3	P=0.894	P=0.934	P=0.656	P=0.990	P=0.932
POLY 1.5	P=0.895	P=0.935	P=0.656	P=0.990	P=0.934
POLY 6	P=0.893	P=0.931	P=0.661	P=0.990	P=0.930
COCH-ARM / FISHERS	P=0.897	P=0.941	P=0.661	P=1.000	P=0.941

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
ADENOMA OR ADENOCARCINOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	1/50 (2%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	3/45.01	1/43.86	4/44.37	1/43.4	1/43.29
POLY 3 PERCENT	6.67%	2.28%	9.01%	2.3%	2.31%
TERMINAL	3/34 (9%)	0/28 (0%)	3/35 (9%)	1/32 (3%)	0/29 (0%)
FIRST INCIDENCE	730 (T)	566	586	730 (T)	700
STATISTICAL TESTS					
POLY 3	P=0.896	P=0.934	P=0.492	P=0.932	P=0.932
POLY 1.5	P=0.897	P=0.935	P=0.493	P=0.933	P=0.934
POLY 6	P=0.895	P=0.931	P=0.497	P=0.932	P=0.930
COCH-ARM / FISHERS	P=0.900	P=0.941	P=0.500	P=0.941	P=0.941

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/45.01	0/43.33	0/43.89	1/43.75	0/43.17
POLY 3 PERCENT	0%	0%	0%	2.29%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	631	---
STATISTICAL TESTS					
POLY 3	P=0.811			P=0.494	
POLY 1.5	P=0.813			P=0.496	
POLY 6	P=0.806			P=0.494	
COCH-ARM / FISHERS	P=0.817			P=0.500	

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE, SMALL, JEJUNUM					
ADENOCARCINOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/45.01	0/43.33	1/43.89	1/43.4	0/43.17
POLY 3 PERCENT	0%	0%	2.28%	2.3%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	1/35 (3%)	1/32 (3%)	0/29 (0%)
FIRST INCIDENCE	---	---	730 (T)	730 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.834		P=0.495	P=0.493	
POLY 1.5	P=0.836		P=0.496	P=0.495	
POLY 6	P=0.831		P=0.496	P=0.491	
COCH-ARM / FISHERS	P=0.840		P=0.500	P=0.500	

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TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE, SMALL, JEJUNUM					
ADENOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	2/45.01	1/43.86	2/44.37	0/43.4	1/43.29
POLY 3 PERCENT	4.44%	2.28%	4.51%	0%	2.31%
TERMINAL	2/34 (6%)	0/28 (0%)	1/35 (3%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	730 (T)	566	586	---	700
STATISTICAL TESTS					
POLY 3	P=0.818	P=0.874	P=0.689	P=0.983	P=0.871
POLY 1.5	P=0.819	P=0.876	P=0.689	P=0.983	P=0.874
POLY 6	P=0.816	P=0.870	P=0.693	P=0.983	P=0.868
COCH-ARM / FISHERS	P=0.823	P=0.879	P=0.691	P=1.000	P=0.879

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
KIDNEY					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY 3 RATE	0/45.01	0/43.33	0/43.89	2/42.42	0/43.17
POLY 3 PERCENT	0%	0%	0%	4.72%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	1/31 (3%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	726	---
STATISTICAL TESTS					
POLY 3	P=0.722			P=0.224	
POLY 1.5	P=0.726			P=0.227	
POLY 6	P=0.716			P=0.222	
COCH-ARM / FISHERS	P=0.730			P=0.242	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEMANGIOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	2/45.01	1/43.33	0/43.89	1/43.4	0/43.17
POLY 3 PERCENT	4.44%	2.31%	0%	2.3%	0%
TERMINAL	2/34 (6%)	1/28 (4%)	0/35 (0%)	1/32 (3%)	0/29 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.941	P=0.871	P=0.983	P=0.872	P=0.983
POLY 1.5	P=0.942	P=0.874	P=0.984	P=0.874	P=0.983
POLY 6	P=0.940	P=0.867	P=0.984	P=0.871	P=0.982
COCH-ARM / FISHERS	P=0.943	P=0.879	P=1.000	P=0.879	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	5/50 (10%)	3/50 (6%)	2/50 (4%)	11/50 (22%)
POLY 3 RATE	3/45.01	5/44.48	3/44.87	2/43.77	11/44.77
POLY 3 PERCENT	6.67%	11.24%	6.69%	4.57%	24.57%
TERMINAL	3/34 (9%)	2/28 (7%)	1/35 (3%)	1/32 (3%)	5/29 (17%)
FIRST INCIDENCE	730 (T)	566	523	626	567
STATISTICAL TESTS					
POLY 3	P=0.002**	P=0.350	P=0.661	P=0.811	P=0.018*
POLY 1.5	P=0.002**	P=0.353	P=0.659	P=0.813	P=0.019*
POLY 6	P=0.002**	P=0.345	P=0.668	P=0.812	P=0.018*
COCH-ARM / FISHERS	P=0.003**	P=0.357	P=0.661	P=0.819	P=0.020*

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOBLASTOMA					
TUMOR RATES					
OVERALL	7/50 (14%)	9/50 (18%)	7/50 (14%)	6/50 (12%)	6/50 (12%)
POLY 3 RATE	7/45.62	9/44.28	7/44.34	6/44.05	6/44.65
POLY 3 PERCENT	15.34%	20.32%	15.79%	13.62%	13.44%
TERMINAL	4/34 (12%)	5/28 (18%)	6/35 (17%)	4/32 (13%)	2/29 (7%)
FIRST INCIDENCE	632	577	599	637	549
STATISTICAL TESTS					
POLY 3	P=0.780	P=0.367	P=0.592	P=0.701	P=0.710
POLY 1.5	P=0.780	P=0.379	P=0.598	P=0.708	P=0.715
POLY 6	P=0.778	P=0.348	P=0.591	P=0.698	P=0.704
COCH-ARM / FISHERS	P=0.782	P=0.393	P=0.613	P=0.723	P=0.723

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR ADENOMA					
TUMOR RATES					
OVERALL	22/50 (44%)	11/50 (22%)	15/50 (30%)	19/50 (38%)	15/50 (30%)
POLY 3 RATE	22/46.17	11/44.39	15/44.06	19/44.88	15/44.98
POLY 3 PERCENT	47.65%	24.78%	34.05%	42.34%	33.35%
TERMINAL	18/34 (53%)	7/28 (25%)	14/35 (40%)	14/32 (44%)	8/29 (28%)
FIRST INCIDENCE	464	583	686	536	627
STATISTICAL TESTS					
POLY 3	P=0.693	P=0.995	P=0.940	P=0.767	P=0.949
POLY 1.5	P=0.683	P=0.995	P=0.943	P=0.772	P=0.949
POLY 6	P=0.711	P=0.994	P=0.941	P=0.775	P=0.952
COCH-ARM / FISHERS	P=0.677	P=0.995	P=0.952	P=0.792	P=0.952

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR ADENOMA OR HEPATOCELLULAR CARCINOMA					
TUMOR RATES					
OVERALL	30/50 (60%)	22/50 (44%)	30/50 (60%)	27/50 (54%)	23/50 (46%)
POLY 3 RATE	30/47.47	22/45.89	30/45.96	27/46.51	23/46.98
POLY 3 PERCENT	63.2%	47.95%	65.28%	58.05%	48.95%
TERMINAL	22/34 (65%)	12/28 (43%)	23/35 (66%)	18/32 (56%)	10/29 (34%)
FIRST INCIDENCE	464	538	556	418	542
STATISTICAL TESTS					
POLY 3	P=0.902	P=0.959	P=0.503	P=0.769	P=0.949
POLY 1.5	P=0.888	P=0.962	P=0.526	P=0.774	P=0.946
POLY 6	P=0.923	P=0.954	P=0.499	P=0.769	P=0.956
COCH-ARM / FISHERS	P=0.872	P=0.964	P=0.581	P=0.790	P=0.946

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR ADENOMA; HEPATOCELLULAR CARCINOMA OR HEPATOBLASTOMA					
TUMOR RATES					
OVERALL	36/50 (72%)	28/50 (56%)	34/50 (68%)	32/50 (64%)	26/50 (52%)
POLY 3 RATE	36/48.08	28/46.79	34/46.41	32/47.15	26/48.05
POLY 3 PERCENT	74.87%	59.84%	73.27%	67.86%	54.11%
TERMINAL	25/34 (74%)	15/28 (54%)	26/35 (74%)	21/32 (66%)	11/29 (38%)
FIRST INCIDENCE	464	538	556	418	542
STATISTICAL TESTS					
POLY 3	P=0.983	P=0.967	P=0.664	P=0.843	P=0.992
POLY 1.5	P=0.976	P=0.969	P=0.690	P=0.847	P=0.991
POLY 6	P=0.989	P=0.964	P=0.653	P=0.844	P=0.994
COCH-ARM / FISHERS	P=0.964	P=0.970	P=0.743	P=0.858	P=0.989

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR CARCINOMA					
TUMOR RATES					
OVERALL	11/50 (22%)	15/50 (30%)	18/50 (36%)	13/50 (26%)	12/50 (24%)
POLY 3 RATE	11/46.3	15/45.67	18/45.96	13/45.18	12/45.51
POLY 3 PERCENT	23.76%	32.84%	39.17%	28.77%	26.37%
TERMINAL	7/34 (21%)	6/28 (21%)	11/35 (31%)	7/32 (22%)	4/29 (14%)
FIRST INCIDENCE	608	538	556	418	542
STATISTICAL TESTS					
POLY 3	P=0.760	P=0.230	P=0.083	P=0.379	P=0.481
POLY 1.5	P=0.763	P=0.238	P=0.084	P=0.390	P=0.488
POLY 6	P=0.757	P=0.217	P=0.087	P=0.369	P=0.474
COCH-ARM / FISHERS	P=0.769	P=0.247	P=0.093	P=0.408	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR CARCINOMA OR HEPATOBLASTOMA					
TUMOR RATES					
OVERALL	18/50 (36%)	21/50 (42%)	24/50 (48%)	19/50 (38%)	15/50 (30%)
POLY 3 RATE	18/46.92	21/46.58	24/46.41	19/45.83	15/46.58
POLY 3 PERCENT	38.37%	45.08%	51.72%	41.46%	32.2%
TERMINAL	11/34 (32%)	9/28 (32%)	16/35 (46%)	11/32 (34%)	5/29 (17%)
FIRST INCIDENCE	608	538	556	418	542
STATISTICAL TESTS					
POLY 3	P=0.941	P=0.326	P=0.135	P=0.463	P=0.800
POLY 1.5	P=0.939	P=0.334	P=0.140	P=0.477	P=0.800
POLY 6	P=0.942	P=0.313	P=0.139	P=0.450	P=0.799
COCH-ARM / FISHERS	P=0.936	P=0.341	P=0.156	P=0.500	P=0.802

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/45.01	2/44.38	0/43.89	1/43.48	0/43.17
POLY 3 PERCENT	0%	4.51%	0%	2.3%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	---	544	---	709	---
STATISTICAL TESTS					
POLY 3	P=0.903	P=0.234		P=0.493	
POLY 1.5	P=0.905	P=0.236		P=0.495	
POLY 6	P=0.899	P=0.231		P=0.492	
COCH-ARM / FISHERS	P=0.907	P=0.247		P=0.500	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY 3 RATE	0/45.01	0/43.33	0/43.89	2/43.42	0/43.17
POLY 3 PERCENT	0%	0%	0%	4.61%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	1/32 (3%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	726	---
STATISTICAL TESTS					
POLY 3	P=0.723			P=0.229	
POLY 1.5	P=0.726			P=0.232	
POLY 6	P=0.716			P=0.227	
COCH-ARM / FISHERS	P=0.731			P=0.247	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
ALVEOLAR/BRONCHIOLAR ADENOMA					
TUMOR RATES					
OVERALL	9/50 (18%)	11/50 (22%)	11/50 (22%)	8/50 (16%)	9/50 (18%)
POLY 3 RATE	9/45.88	11/44.02	11/44.69	8/45.2	9/44.75
POLY 3 PERCENT	19.62%	24.99%	24.61%	17.7%	20.11%
TERMINAL	7/34 (21%)	7/28 (25%)	8/35 (23%)	5/32 (16%)	4/29 (14%)
FIRST INCIDENCE	596	577	599	403	549
STATISTICAL TESTS					
POLY 3	P=0.702	P=0.360	P=0.375	P=0.692	P=0.581
POLY 1.5	P=0.702	P=0.379	P=0.382	P=0.695	P=0.589
POLY 6	P=0.700	P=0.332	P=0.377	P=0.692	P=0.571
COCH-ARM / FISHERS	P=0.705	P=0.402	P=0.402	P=0.702	P=0.602

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
ALVEOLAR/BRONCHIOLAR ADENOMA OR ALVEOLAR/BRONCHIOLAR CARCINOMA					
TUMOR RATES					
OVERALL	10/50 (20%)	14/50 (28%)	15/50 (30%)	10/50 (20%)	10/50 (20%)
POLY 3 RATE	10/45.88	14/44.02	15/44.88	10/46.11	10/45.34
POLY 3 PERCENT	21.8%	31.8%	33.43%	21.69%	22.06%
TERMINAL	8/34 (24%)	10/28 (36%)	10/35 (29%)	5/32 (16%)	4/29 (14%)
FIRST INCIDENCE	596	577	599	403	542
STATISTICAL TESTS					
POLY 3	P=0.832	P=0.201	P=0.156	P=0.604	P=0.588
POLY 1.5	P=0.827	P=0.219	P=0.162	P=0.600	P=0.591
POLY 6	P=0.837	P=0.175	P=0.158	P=0.615	P=0.585
COCH-ARM / FISHERS	P=0.822	P=0.241	P=0.178	P=0.598	P=0.598

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
ALVEOLAR/BRONCHIOLAR CARCINOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	3/50 (6%)	4/50 (8%)	2/50 (4%)	3/50 (6%)
POLY 3 RATE	1/45.01	3/43.33	4/44.07	2/44.31	3/43.78
POLY 3 PERCENT	2.22%	6.92%	9.08%	4.51%	6.85%
TERMINAL	1/34 (3%)	3/28 (11%)	2/35 (6%)	0/32 (0%)	1/29 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	686	538	542
STATISTICAL TESTS					
POLY 3	P=0.484	P=0.291	P=0.172	P=0.495	P=0.295
POLY 1.5	P=0.488	P=0.298	P=0.174	P=0.496	P=0.299
POLY 6	P=0.480	P=0.282	P=0.174	P=0.497	P=0.290
COCH-ARM / FISHERS	P=0.493	P=0.309	P=0.181	P=0.500	P=0.309

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY 3 RATE	0/45.01	2/44.38	0/43.89	0/43.4	0/43.17
POLY 3 PERCENT	0%	4.51%	0%	0%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	---	544	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.949	P=0.234			
POLY 1.5	P=0.950	P=0.236			
POLY 6	P=0.947	P=0.231			
COCH-ARM / FISHERS	P=0.950	P=0.247			

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MANDIBULAR HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/43 (0%)	2/50 (4%)	0/47 (0%)	0/45 (0%)	0/47 (0%)
POLY 3 RATE	0/38.77	2/44.38	0/41.06	0/38.92	0/41.34
POLY 3 PERCENT	0%	4.51%	0%	0%	0%
TERMINAL	0/31 (0%)	0/28 (0%)	0/33 (0%)	0/29 (0%)	0/28 (0%)
FIRST INCIDENCE	---	544	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.950	P=0.267			
POLY 1.5	P=0.951	P=0.270			
POLY 6	P=0.948	P=0.263			
COCH-ARM / FISHERS	P=0.950	P=0.286			

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MANDIBULAR					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/43 (0%)	0/50 (0%)	0/47 (0%)	1/45 (2%)	0/47 (0%)
POLY 3 RATE	0/38.77	0/43.33	0/41.06	1/38.92	0/41.34
POLY 3 PERCENT	0%	0%	0%	2.57%	0%
TERMINAL	0/31 (0%)	0/28 (0%)	0/33 (0%)	1/29 (3%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	730 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.817			P=0.501	
POLY 1.5	P=0.817			P=0.504	
POLY 6	P=0.815			P=0.499	
COCH-ARM / FISHERS	P=0.817			P=0.511	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MESENTERIC HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/48 (4%)	1/47 (2%)	1/49 (2%)	0/47 (0%)
POLY 3 RATE	0/45.01	2/42.4	1/40.89	1/42.49	0/41.02
POLY 3 PERCENT	0%	4.72%	2.45%	2.35%	0%
TERMINAL	0/34 (0%)	0/27 (0%)	1/32 (3%)	0/32 (0%)	0/28 (0%)
FIRST INCIDENCE	---	544	730 (T)	709	---
STATISTICAL TESTS					
POLY 3	P=0.913	P=0.224	P=0.481	P=0.488	
POLY 1.5	P=0.915	P=0.226	P=0.483	P=0.491	
POLY 6	P=0.911	P=0.220	P=0.480	P=0.487	
COCH-ARM / FISHERS	P=0.917	P=0.237	P=0.485	P=0.495	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MESENTERIC					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	2/50 (4%)	0/48 (0%)	0/47 (0%)	3/49 (6%)	2/47 (4%)
POLY 3 RATE	2/45.1	0/41.35	0/40.89	3/42.77	2/41.34
POLY 3 PERCENT	4.43%	0%	0%	7.01%	4.84%
TERMINAL	1/34 (3%)	0/27 (0%)	0/32 (0%)	1/32 (3%)	1/28 (4%)
FIRST INCIDENCE	706	---	---	631	643
STATISTICAL TESTS					
POLY 3	P=0.277	P=0.981	P=0.981	P=0.476	P=0.663
POLY 1.5	P=0.275	P=0.982	P=0.981	P=0.480	P=0.666
POLY 6	P=0.280	P=0.980	P=0.981	P=0.474	P=0.659
COCH-ARM / FISHERS	P=0.273	P=1.000	P=1.000	P=0.490	P=0.668

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
PANCREAS					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY 3 RATE	0/45.01	0/43.33	0/43.89	1/42.75	0/43.17
POLY 3 PERCENT	0%	0%	0%	2.34%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/31 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	631	---
STATISTICAL TESTS					
POLY 3	P=0.810			P=0.490	
POLY 1.5	P=0.813			P=0.492	
POLY 6	P=0.806			P=0.489	
COCH-ARM / FISHERS	P=0.817			P=0.495	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
PITUITARY GLAND: PARS DISTALIS					
ADENOMA					
TUMOR RATES					
OVERALL	0/43 (0%)	0/47 (0%)	0/47 (0%)	2/47 (4%)	0/47 (0%)
POLY 3 RATE	0/38.9	0/40.49	0/41.46	2/40.88	0/40.83
POLY 3 PERCENT	0%	0%	0%	4.89%	0%
TERMINAL	0/31 (0%)	0/27 (0%)	0/34 (0%)	2/30 (7%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	730 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.731			P=0.248	
POLY 1.5	P=0.733			P=0.251	
POLY 6	P=0.726			P=0.245	
COCH-ARM / FISHERS	P=0.736			P=0.270	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
BASAL OR SQUAMOUS CELL CARCINOMA; BASOSQUAMOUS TUMOR, MALIGNANT OR BENIGN; BASAL CELL ADENOMA; PAPILLOMA; KERATOACANTHOMA; TRICHOEPITHELIOMA; SEBACEOUS GLAND ADENOMA OR SEBACEOUS GLAND CARCINOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY 3 RATE	1/45.01	0/43.33	0/43.89	0/43.4	2/43.17
POLY 3 PERCENT	2.22%	0%	0%	0%	4.63%
TERMINAL	1/34 (3%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	2/29 (7%)
FIRST INCIDENCE	730 (T)	---	---	---	730 (T)
STATISTICAL TESTS					
POLY 3	P=0.107	P=0.976	P=0.977	P=0.976	P=0.485
POLY 1.5	P=0.107	P=0.977	P=0.977	P=0.977	P=0.491
POLY 6	P=0.106	P=0.976	P=0.977	P=0.976	P=0.478
COCH-ARM / FISHERS	P=0.108	P=1.000	P=1.000	P=1.000	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
BASOSQUAMOUS TUMOR, BENIGN; BASAL CELL ADENOMA; ADENOMA; PAPILLOMA; KERATOACANTHOMA; TRICHOEPITHELIOMA OR SEBACEOUS GLAND ADENOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY 3 RATE	1/45.01	0/43.33	0/43.89	0/43.4	2/43.17
POLY 3 PERCENT	2.22%	0%	0%	0%	4.63%
TERMINAL	1/34 (3%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	2/29 (7%)
FIRST INCIDENCE	730 (T)	---	---	---	730 (T)
STATISTICAL TESTS					
POLY 3	P=0.107	P=0.976	P=0.977	P=0.976	P=0.485
POLY 1.5	P=0.107	P=0.977	P=0.977	P=0.977	P=0.491
POLY 6	P=0.106	P=0.976	P=0.977	P=0.976	P=0.478
COCH-ARM / FISHERS	P=0.108	P=1.000	P=1.000	P=1.000	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	0/45.01	2/43.86	0/43.89	1/43.4	1/43.17
POLY 3 PERCENT	0%	4.56%	0%	2.3%	2.32%
TERMINAL	0/34 (0%)	1/28 (4%)	0/35 (0%)	1/32 (3%)	1/29 (3%)
FIRST INCIDENCE	---	566	---	730 (T)	730 (T)
STATISTICAL TESTS					
POLY 3	P=0.560	P=0.231		P=0.493	P=0.492
POLY 1.5	P=0.565	P=0.234		P=0.495	P=0.495
POLY 6	P=0.550	P=0.227		P=0.491	P=0.487
COCH-ARM / FISHERS	P=0.572	P=0.247		P=0.500	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN: EPIDERMIS					
TRICHOEPITHELIOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY 3 RATE	0/45.01	0/43.33	0/43.89	0/43.4	2/43.17
POLY 3 PERCENT	0%	0%	0%	0%	4.63%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	2/29 (7%)
FIRST INCIDENCE	---	---	---	---	730 (T)
STATISTICAL TESTS					
POLY 3	P=0.019*				P=0.228
POLY 1.5	P=0.019*				P=0.232
POLY 6	P=0.018*				P=0.223
COCH-ARM / FISHERS	P=0.020*				P=0.247

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
HEMANGIOMA					
TUMOR RATES					
OVERALL	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY 3 RATE	0/44.43	0/43.33	0/43.89	0/43.4	2/43.86
POLY 3 PERCENT	0%	0%	0%	0%	4.56%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	565
STATISTICAL TESTS					
POLY 3	P=0.019*				P=0.234
POLY 1.5	P=0.019*				P=0.237
POLY 6	P=0.019*				P=0.230
COCH-ARM / FISHERS	P=0.020*				P=0.253

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	0/49 (0%)	5/50 (10%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY 3 RATE	0/44.43	5/44.76	1/44.52	1/43.4	3/43.58
POLY 3 PERCENT	0%	11.17%	2.25%	2.3%	6.88%
TERMINAL	0/34 (0%)	2/28 (7%)	0/35 (0%)	1/32 (3%)	1/29 (3%)
FIRST INCIDENCE	---	552	523	730 (T)	666
STATISTICAL TESTS					
POLY 3	P=0.371	P=0.031*	P=0.500	P=0.495	P=0.115
POLY 1.5	P=0.378	P=0.032*	P=0.501	P=0.498	P=0.118
POLY 6	P=0.361	P=0.030*	P=0.501	P=0.493	P=0.112
COCH-ARM / FISHERS	P=0.388	P=0.030*	P=0.505	P=0.505	P=0.125

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/49 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/44.43	1/43.79	0/43.89	1/43.48	0/43.17
POLY 3 PERCENT	0%	2.28%	0%	2.3%	0%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	0/32 (0%)	0/29 (0%)
FIRST INCIDENCE	---	593	---	709	---
STATISTICAL TESTS					
POLY 3	P=0.863	P=0.497		P=0.496	
POLY 1.5	P=0.867	P=0.500		P=0.499	
POLY 6	P=0.858	P=0.492		P=0.494	
COCH-ARM / FISHERS	P=0.871	P=0.505		P=0.505	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 730 - 733

Males: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	1/49 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY 3 RATE	1/44.53	0/43.33	0/43.89	2/43.42	1/43.17
POLY 3 PERCENT	2.25%	0%	0%	4.61%	2.32%
TERMINAL	0/34 (0%)	0/28 (0%)	0/35 (0%)	1/32 (3%)	1/29 (3%)
FIRST INCIDENCE	706	---	---	726	730 (T)
STATISTICAL TESTS					
POLY 3	P=0.438	P=0.977	P=0.977	P=0.491	P=0.754
POLY 1.5	P=0.441	P=0.977	P=0.977	P=0.497	P=0.758
POLY 6	P=0.432	P=0.976	P=0.977	P=0.486	P=0.747
COCH-ARM / FISHERS	P=0.445	P=1.000	P=1.000	P=0.508	P=0.758

	Females: Core Animals				
	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
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 Animals Examined Microscopically	50	50	50	50	50

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
HEMANGIOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	2/50 (4%)	3/50 (6%)	4/50 (8%)	3/50 (6%)
POLY 3 RATE	3/46.04	2/46.26	3/45.51	4/44.28	3/44.77
POLY 3 PERCENT	6.52%	4.32%	6.59%	9.03%	6.7%
TERMINAL	2/35 (6%)	2/39 (5%)	2/34 (6%)	4/34 (12%)	3/37 (8%)
FIRST INCIDENCE	630	728 (T)	560	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.504	P=0.821	P=0.657	P=0.479	P=0.649
POLY 1.5	P=0.507	P=0.819	P=0.658	P=0.485	P=0.651
POLY 6	P=0.506	P=0.824	P=0.656	P=0.475	P=0.653
COCH-ARM / FISHERS	P=0.523	P=0.819	P=0.661	P=0.500	P=0.661

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	2/50 (4%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY 3 RATE	1/45.69	2/46.26	3/45.64	2/44.56	3/45.28
POLY 3 PERCENT	2.19%	4.32%	6.57%	4.49%	6.63%
TERMINAL	1/35 (3%)	2/39 (5%)	0/34 (0%)	1/34 (3%)	2/37 (5%)
FIRST INCIDENCE	728 (T)	728 (T)	598	651	574
STATISTICAL TESTS					
POLY 3	P=0.344	P=0.504	P=0.305	P=0.491	P=0.302
POLY 1.5	P=0.343	P=0.501	P=0.304	P=0.493	P=0.300
POLY 6	P=0.350	P=0.510	P=0.307	P=0.493	P=0.309
COCH-ARM / FISHERS	P=0.350	P=0.500	P=0.309	P=0.500	P=0.309

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
HEMANGIOSARCOMA OR HEMANGIOMA					
TUMOR RATES					
OVERALL	4/50 (8%)	4/50 (8%)	6/50 (12%)	6/50 (12%)	6/50 (12%)
POLY 3 RATE	4/46.04	4/46.26	6/46.18	6/44.56	6/45.28
POLY 3 PERCENT	8.69%	8.65%	12.99%	13.46%	13.25%
TERMINAL	3/35 (9%)	4/39 (10%)	2/34 (6%)	5/34 (15%)	5/37 (14%)
FIRST INCIDENCE	630	728 (T)	560	651	574
STATISTICAL TESTS					
POLY 3	P=0.325	P=0.646	P=0.371	P=0.349	P=0.359
POLY 1.5	P=0.327	P=0.643	P=0.369	P=0.354	P=0.358
POLY 6	P=0.331	P=0.652	P=0.376	P=0.347	P=0.368
COCH-ARM / FISHERS	P=0.341	P=0.643	P=0.370	P=0.370	P=0.370

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
ALL ORGANS					
MALIGNANT LYMPHOMA: HISTIOCYTIC, LYMPHOCYTIC, MIXED OR UNDIFFERENTIATED CELL TYPE					
TUMOR RATES					
OVERALL	5/50 (10%)	4/50 (8%)	6/50 (12%)	3/50 (6%)	5/50 (10%)
POLY 3 RATE	5/46.03	4/46.62	6/45.38	3/44.31	5/44.77
POLY 3 PERCENT	10.86%	8.58%	13.22%	6.77%	11.17%
TERMINAL	2/35 (6%)	3/39 (8%)	3/34 (9%)	2/34 (6%)	5/37 (14%)
FIRST INCIDENCE	674	628	652	720	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.549	P=0.763	P=0.490	P=0.853	P=0.613
POLY 1.5	P=0.554	P=0.759	P=0.492	P=0.856	P=0.615
POLY 6	P=0.549	P=0.771	P=0.488	P=0.851	P=0.617
COCH-ARM / FISHERS	P=0.572	P=0.757	P=0.500	P=0.866	P=0.630

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HARDERIAN GLAND ADENOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	2/50 (4%)	2/49 (4%)	5/50 (10%)	2/49 (4%)
POLY 3 RATE	1/45.69	2/46.26	2/44.62	5/44.28	2/43.83
POLY 3 PERCENT	2.19%	4.32%	4.48%	11.29%	4.56%
TERMINAL	1/35 (3%)	2/39 (5%)	1/34 (3%)	5/34 (15%)	2/37 (5%)
FIRST INCIDENCE	728 (T)	728 (T)	623	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.481	P=0.504	P=0.492	P=0.094	P=0.486
POLY 1.5	P=0.483	P=0.501	P=0.491	P=0.096	P=0.485
POLY 6	P=0.486	P=0.510	P=0.494	P=0.093	P=0.490
COCH-ARM / FISHERS	P=0.499	P=0.500	P=0.492	P=0.102	P=0.492

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HARDERIAN GLAND					
ADENOMA OR ADENOCARCINOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	3/50 (6%)	2/49 (4%)	6/50 (12%)	2/49 (4%)
POLY 3 RATE	1/45.69	3/46.29	2/44.62	6/44.28	2/43.83
POLY 3 PERCENT	2.19%	6.48%	4.48%	13.55%	4.56%
TERMINAL	1/35 (3%)	2/39 (5%)	1/34 (3%)	6/34 (18%)	2/37 (5%)
FIRST INCIDENCE	728 (T)	719	623	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.551	P=0.310	P=0.492	P=0.051	P=0.486
POLY 1.5	P=0.552	P=0.307	P=0.491	P=0.052	P=0.485
POLY 6	P=0.557	P=0.316	P=0.494	P=0.050	P=0.490
COCH-ARM / FISHERS	P=0.569	P=0.309	P=0.492	P=0.056	P=0.492

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HEART					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY 3 RATE	0/45.69	0/46.26	0/44.97	3/45.76	0/44.77
POLY 3 PERCENT	0%	0%	0%	6.56%	0%
TERMINAL	0/35 (0%)	0/39 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	533	---
STATISTICAL TESTS					
POLY 3	P=0.676			P=0.119	
POLY 1.5	P=0.677			P=0.118	
POLY 6	P=0.680			P=0.122	
COCH-ARM / FISHERS	P=0.685			P=0.121	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
HEART					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY 3 RATE	0/45.69	2/46.62	0/44.97	0/44.28	0/44.77
POLY 3 PERCENT	0%	4.29%	0%	0%	0%
TERMINAL	0/35 (0%)	1/39 (3%)	0/34 (0%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	---	628	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.951	P=0.242			
POLY 1.5	P=0.951	P=0.239			
POLY 6	P=0.953	P=0.247			
COCH-ARM / FISHERS	P=0.950	P=0.247			

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
ADENOCARCINOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY 3 RATE	2/46.88	0/46.26	1/44.97	0/44.28	0/44.77
POLY 3 PERCENT	4.27%	0%	2.22%	0%	0%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	495	---	728 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.957	P=0.984	P=0.870	P=0.982	P=0.983
POLY 1.5	P=0.957	P=0.984	P=0.873	P=0.983	P=0.983
POLY 6	P=0.957	P=0.984	P=0.868	P=0.982	P=0.983
COCH-ARM / FISHERS	P=0.958	P=1.000	P=0.879	P=1.000	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
ADENOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/45.69	1/46.26	0/44.97	1/44.28	0/44.77
POLY 3 PERCENT	0%	2.16%	0%	2.26%	0%
TERMINAL	0/35 (0%)	1/39 (3%)	0/34 (0%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	---	728 (T)	---	728 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.867	P=0.502		P=0.494	
POLY 1.5	P=0.867	P=0.501		P=0.495	
POLY 6	P=0.870	P=0.506		P=0.493	
COCH-ARM / FISHERS	P=0.871	P=0.500		P=0.500	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
ADENOMA OR ADENOCARCINOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	2/46.88	1/46.26	1/44.97	1/44.28	0/44.77
POLY 3 PERCENT	4.27%	2.16%	2.22%	2.26%	0%
TERMINAL	0/35 (0%)	1/39 (3%)	1/34 (3%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	495	728 (T)	728 (T)	728 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.946	P=0.876	P=0.870	P=0.868	P=0.983
POLY 1.5	P=0.946	P=0.876	P=0.873	P=0.871	P=0.983
POLY 6	P=0.946	P=0.877	P=0.868	P=0.865	P=0.983
COCH-ARM / FISHERS	P=0.949	P=0.879	P=0.879	P=0.879	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE SMALL: ANY SITE					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	1/45.89	0/46.26	2/45.06	0/44.28	1/44.77
POLY 3 PERCENT	2.18%	0%	4.44%	0%	2.23%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	674	---	706	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.645	P=0.978	P=0.494	P=0.976	P=0.755
POLY 1.5	P=0.647	P=0.977	P=0.495	P=0.977	P=0.755
POLY 6	P=0.645	P=0.978	P=0.492	P=0.976	P=0.757
COCH-ARM / FISHERS	P=0.655	P=1.000	P=0.500	P=1.000	P=0.753

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE, SMALL, JEJUNUM					
ADENOCARCINOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY 3 RATE	2/46.88	0/46.26	1/44.97	0/44.28	0/44.77
POLY 3 PERCENT	4.27%	0%	2.22%	0%	0%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	495	---	728 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.957	P=0.984	P=0.870	P=0.982	P=0.983
POLY 1.5	P=0.957	P=0.984	P=0.873	P=0.983	P=0.983
POLY 6	P=0.957	P=0.984	P=0.868	P=0.982	P=0.983
COCH-ARM / FISHERS	P=0.958	P=1.000	P=0.879	P=1.000	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE, SMALL, JEJUNUM					
ADENOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	0/45.69	1/46.26	0/44.97	1/44.28	0/44.77
POLY 3 PERCENT	0%	2.16%	0%	2.26%	0%
TERMINAL	0/35 (0%)	1/39 (3%)	0/34 (0%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	---	728 (T)	---	728 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.867	P=0.502		P=0.494	
POLY 1.5	P=0.867	P=0.501		P=0.495	
POLY 6	P=0.870	P=0.506		P=0.493	
COCH-ARM / FISHERS	P=0.871	P=0.500		P=0.500	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
INTESTINE, SMALL, JEJUNUM					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	1/45.89	0/46.26	2/45.06	0/44.28	1/44.77
POLY 3 PERCENT	2.18%	0%	4.44%	0%	2.23%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	674	---	706	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.645	P=0.978	P=0.494	P=0.976	P=0.755
POLY 1.5	P=0.647	P=0.977	P=0.495	P=0.977	P=0.755
POLY 6	P=0.645	P=0.978	P=0.492	P=0.976	P=0.757
COCH-ARM / FISHERS	P=0.655	P=1.000	P=0.500	P=1.000	P=0.753

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
KIDNEY					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	1/50 (2%)	2/50 (4%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY 3 RATE	1/45.69	2/46.62	2/45.1	1/44.31	2/44.77
POLY 3 PERCENT	2.19%	4.29%	4.43%	2.26%	4.47%
TERMINAL	0/35 (0%)	1/39 (3%)	0/34 (0%)	0/34 (0%)	2/37 (5%)
FIRST INCIDENCE	726	628	706	720	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.519	P=0.507	P=0.495	P=0.754	P=0.493
POLY 1.5	P=0.520	P=0.503	P=0.496	P=0.755	P=0.493
POLY 6	P=0.522	P=0.515	P=0.495	P=0.754	P=0.498
COCH-ARM / FISHERS	P=0.530	P=0.500	P=0.500	P=0.753	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEMANGIOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY 3 RATE	0/45.69	0/46.26	1/44.97	2/44.28	0/44.77
POLY 3 PERCENT	0%	0%	2.22%	4.52%	0%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	2/34 (6%)	0/37 (0%)
FIRST INCIDENCE	---	---	728 (T)	728 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.778		P=0.497	P=0.230	
POLY 1.5	P=0.778		P=0.498	P=0.232	
POLY 6	P=0.780		P=0.496	P=0.230	
COCH-ARM / FISHERS	P=0.786		P=0.500	P=0.247	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	0/45.69	1/46.26	2/45.19	1/44.28	1/45.28
POLY 3 PERCENT	0%	2.16%	4.43%	2.26%	2.21%
TERMINAL	0/35 (0%)	1/39 (3%)	0/34 (0%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	---	728 (T)	694	728 (T)	574
STATISTICAL TESTS					
POLY 3	P=0.613	P=0.502	P=0.235	P=0.494	P=0.498
POLY 1.5	P=0.612	P=0.501	P=0.235	P=0.495	P=0.497
POLY 6	P=0.619	P=0.506	P=0.235	P=0.493	P=0.502
COCH-ARM / FISHERS	P=0.619	P=0.500	P=0.247	P=0.500	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOBLASTOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	0/45.69	0/46.26	1/44.97	0/44.28	1/44.77
POLY 3 PERCENT	0%	0%	2.22%	0%	2.23%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	728 (T)	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.360		P=0.497		P=0.496
POLY 1.5	P=0.361		P=0.498		P=0.496
POLY 6	P=0.361		P=0.496		P=0.499
COCH-ARM / FISHERS	P=0.367		P=0.500		P=0.500

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

PA08: Statistical Analysis of Neoplastic Lesions
Test Compound: Sulfolane
CAS Number: 126-33-0
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Date Report Requested: 12/09/2022
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Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR ADENOMA					
TUMOR RATES					
OVERALL	10/50 (20%)	5/50 (10%)	6/50 (12%)	11/50 (22%)	11/50 (22%)
POLY 3 RATE	10/46.37	5/46.26	6/45.34	11/44.89	11/44.83
POLY 3 PERCENT	21.57%	10.81%	13.23%	24.5%	24.54%
TERMINAL	7/35 (20%)	5/39 (13%)	5/34 (15%)	10/34 (29%)	10/37 (27%)
FIRST INCIDENCE	567	728 (T)	623	529	713
STATISTICAL TESTS					
POLY 3	P=0.119	P=0.955	P=0.908	P=0.466	P=0.465
POLY 1.5	P=0.123	P=0.954	P=0.909	P=0.476	P=0.471
POLY 6	P=0.120	P=0.957	P=0.906	P=0.461	P=0.470
COCH-ARM / FISHERS	P=0.140	P=0.955	P=0.914	P=0.500	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR ADENOMA OR HEPATOCELLULAR CARCINOMA					
TUMOR RATES					
OVERALL	11/50 (22%)	8/50 (16%)	10/50 (20%)	16/50 (32%)	18/50 (36%)
POLY 3 RATE	11/46.37	8/46.35	10/45.89	16/45.13	18/45.75
POLY 3 PERCENT	23.72%	17.26%	21.79%	35.45%	39.34%
TERMINAL	8/35 (23%)	7/39 (18%)	7/34 (21%)	14/34 (41%)	14/37 (38%)
FIRST INCIDENCE	567	706	623	529	592
STATISTICAL TESTS					
POLY 3	P=0.010**	P=0.847	P=0.680	P=0.157	P=0.080
POLY 1.5	P=0.010*	P=0.845	P=0.680	P=0.164	P=0.080
POLY 6	P=0.011*	P=0.854	P=0.684	P=0.154	P=0.088
COCH-ARM / FISHERS	P=0.013*	P=0.846	P=0.688	P=0.184	P=0.093

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR ADENOMA; HEPATOCELLULAR CARCINOMA OR HEPATOBLASTOMA					
TUMOR RATES					
OVERALL	11/50 (22%)	8/50 (16%)	10/50 (20%)	16/50 (32%)	18/50 (36%)
POLY 3 RATE	11/46.37	8/46.35	10/45.89	16/45.13	18/45.75
POLY 3 PERCENT	23.72%	17.26%	21.79%	35.45%	39.34%
TERMINAL	8/35 (23%)	7/39 (18%)	7/34 (21%)	14/34 (41%)	14/37 (38%)
FIRST INCIDENCE	567	706	623	529	592
STATISTICAL TESTS					
POLY 3	P=0.010**	P=0.847	P=0.680	P=0.157	P=0.080
POLY 1.5	P=0.010*	P=0.845	P=0.680	P=0.164	P=0.080
POLY 6	P=0.011*	P=0.854	P=0.684	P=0.154	P=0.088
COCH-ARM / FISHERS	P=0.013*	P=0.846	P=0.688	P=0.184	P=0.093

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR CARCINOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	3/50 (6%)	5/50 (10%)	5/50 (10%)	8/50 (16%)
POLY 3 RATE	2/45.69	3/46.35	5/45.52	5/44.52	8/45.69
POLY 3 PERCENT	4.38%	6.47%	10.99%	11.23%	17.51%
TERMINAL	2/35 (6%)	2/39 (5%)	3/34 (9%)	4/34 (12%)	5/37 (14%)
FIRST INCIDENCE	728 (T)	706	653	664	592
STATISTICAL TESTS					
POLY 3	P=0.030*	P=0.507	P=0.214	P=0.205	P=0.045*
POLY 1.5	P=0.029*	P=0.502	P=0.214	P=0.208	P=0.044*
POLY 6	P=0.032*	P=0.515	P=0.216	P=0.206	P=0.049*
COCH-ARM / FISHERS	P=0.031*	P=0.500	P=0.218	P=0.218	P=0.046*

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HEPATOCELLULAR CARCINOMA OR HEPATOBLASTOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	3/50 (6%)	6/50 (12%)	5/50 (10%)	8/50 (16%)
POLY 3 RATE	2/45.69	3/46.35	6/45.52	5/44.52	8/45.69
POLY 3 PERCENT	4.38%	6.47%	13.18%	11.23%	17.51%
TERMINAL	2/35 (6%)	2/39 (5%)	4/34 (12%)	4/34 (12%)	5/37 (14%)
FIRST INCIDENCE	728 (T)	706	653	664	592
STATISTICAL TESTS					
POLY 3	P=0.041*	P=0.507	P=0.131	P=0.205	P=0.045*
POLY 1.5	P=0.040*	P=0.502	P=0.131	P=0.208	P=0.044*
POLY 6	P=0.044*	P=0.515	P=0.133	P=0.206	P=0.049*
COCH-ARM / FISHERS	P=0.043*	P=0.500	P=0.134	P=0.218	P=0.046*

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	1/50 (2%)	1/50 (2%)	4/50 (8%)	2/50 (4%)
POLY 3 RATE	0/45.69	1/46.52	1/44.97	4/45.76	2/44.86
POLY 3 PERCENT	0%	2.15%	2.22%	8.74%	4.46%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	1/34 (3%)	1/37 (3%)
FIRST INCIDENCE	---	659	728 (T)	533	705
STATISTICAL TESTS					
POLY 3	P=0.240	P=0.504	P=0.497	P=0.060	P=0.233
POLY 1.5	P=0.241	P=0.501	P=0.498	P=0.060	P=0.233
POLY 6	P=0.245	P=0.508	P=0.496	P=0.062	P=0.236
COCH-ARM / FISHERS	P=0.252	P=0.500	P=0.500	P=0.059	P=0.247

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LIVER					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	3/50 (6%)	2/50 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	3/45.83	2/46.62	2/45.01	0/44.28	1/44.77
POLY 3 PERCENT	6.55%	4.29%	4.44%	0%	2.23%
TERMINAL	1/35 (3%)	1/39 (3%)	1/34 (3%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	694	628	717	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.904	P=0.824	P=0.814	P=0.990	P=0.934
POLY 1.5	P=0.905	P=0.821	P=0.815	P=0.990	P=0.934
POLY 6	P=0.905	P=0.830	P=0.813	P=0.990	P=0.935
COCH-ARM / FISHERS	P=0.908	P=0.819	P=0.819	P=1.000	P=0.941

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
ALVEOLAR/BRONCHIOLAR ADENOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	4/50 (8%)	5/50 (10%)	4/50 (8%)
POLY 3 RATE	0/45.69	2/46.31	4/45.54	5/44.36	4/44.86
POLY 3 PERCENT	0%	4.32%	8.78%	11.27%	8.92%
TERMINAL	0/35 (0%)	1/39 (3%)	3/34 (9%)	3/34 (9%)	3/37 (8%)
FIRST INCIDENCE	---	716	549	715	706
STATISTICAL TESTS					
POLY 3	P=0.160	P=0.240	P=0.060	P=0.028*	P=0.058
POLY 1.5	P=0.161	P=0.238	P=0.060	P=0.029*	P=0.058
POLY 6	P=0.164	P=0.244	P=0.060	P=0.028*	P=0.060
COCH-ARM / FISHERS	P=0.172	P=0.247	P=0.059	P=0.028*	P=0.059

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
ALVEOLAR/BRONCHIOLAR ADENOMA OR ALVEOLAR/BRONCHIOLAR CARCINOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	4/50 (8%)	7/50 (14%)	6/50 (12%)	5/50 (10%)
POLY 3 RATE	2/45.69	4/46.31	7/46.04	6/44.36	5/44.86
POLY 3 PERCENT	4.38%	8.64%	15.2%	13.52%	11.15%
TERMINAL	2/35 (6%)	3/39 (8%)	4/34 (12%)	4/34 (12%)	4/37 (11%)
FIRST INCIDENCE	728 (T)	716	549	715	706
STATISTICAL TESTS					
POLY 3	P=0.385	P=0.343	P=0.080	P=0.123	P=0.209
POLY 1.5	P=0.388	P=0.340	P=0.079	P=0.126	P=0.208
POLY 6	P=0.392	P=0.352	P=0.083	P=0.123	P=0.214
COCH-ARM / FISHERS	P=0.407	P=0.339	P=0.080	P=0.134	P=0.218

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
ALVEOLAR/BRONCHIOLAR CARCINOMA					
TUMOR RATES					
OVERALL	2/50 (4%)	2/50 (4%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	2/45.69	2/46.26	3/45.47	1/44.28	1/44.77
POLY 3 PERCENT	4.38%	4.32%	6.6%	2.26%	2.23%
TERMINAL	2/35 (6%)	2/39 (5%)	1/34 (3%)	1/34 (3%)	1/37 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	656	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.868	P=0.698	P=0.498	P=0.872	P=0.874
POLY 1.5	P=0.869	P=0.695	P=0.497	P=0.874	P=0.874
POLY 6	P=0.870	P=0.704	P=0.500	P=0.872	P=0.877
COCH-ARM / FISHERS	P=0.876	P=0.691	P=0.500	P=0.879	P=0.879

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	0/45.69	0/46.26	0/44.97	1/44.28	1/44.86
POLY 3 PERCENT	0%	0%	0%	2.26%	2.23%
TERMINAL	0/35 (0%)	0/39 (0%)	0/34 (0%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	728 (T)	705
STATISTICAL TESTS					
POLY 3	P=0.231			P=0.494	P=0.496
POLY 1.5	P=0.231			P=0.495	P=0.496
POLY 6	P=0.234			P=0.493	P=0.499
COCH-ARM / FISHERS	P=0.235			P=0.500	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LUNG					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	3/50 (6%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY 3 RATE	3/46.03	2/46.62	1/45.25	1/44.31	0/44.77
POLY 3 PERCENT	6.52%	4.29%	2.21%	2.26%	0%
TERMINAL	0/35 (0%)	1/39 (3%)	0/34 (0%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	674	628	652	720	---
STATISTICAL TESTS					
POLY 3	P=0.973	P=0.823	P=0.935	P=0.932	P=0.990
POLY 1.5	P=0.973	P=0.820	P=0.935	P=0.933	P=0.990
POLY 6	P=0.973	P=0.828	P=0.934	P=0.931	P=0.991
COCH-ARM / FISHERS	P=0.974	P=0.819	P=0.941	P=0.941	P=1.000

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

PA08: Statistical Analysis of Neoplastic Lesions
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CAS Number: 126-33-0
Target Version: Actions To Be Taken

Date Report Requested: 12/09/2022
Time Report Requested: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MANDIBULAR HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/48 (0%)	0/48 (0%)	0/48 (0%)	2/46 (4%)	1/45 (2%)
POLY 3 RATE	0/43.69	0/44.48	0/43.8	2/42.69	1/40.89
POLY 3 PERCENT	0%	0%	0%	4.68%	2.45%
TERMINAL	0/33 (0%)	0/38 (0%)	0/34 (0%)	0/32 (0%)	1/35 (3%)
FIRST INCIDENCE	---	---	---	533	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.249			P=0.232	P=0.487
POLY 1.5	P=0.249			P=0.230	P=0.486
POLY 6	P=0.252			P=0.236	P=0.490
COCH-ARM / FISHERS	P=0.253			P=0.237	P=0.484

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MANDIBULAR					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	3/48 (6%)	1/48 (2%)	0/48 (0%)	1/46 (2%)	1/45 (2%)
POLY 3 RATE	3/43.83	1/44.48	0/43.8	1/41.61	1/40.89
POLY 3 PERCENT	6.84%	2.25%	0%	2.4%	2.45%
TERMINAL	1/33 (3%)	1/38 (3%)	0/34 (0%)	0/32 (0%)	1/35 (3%)
FIRST INCIDENCE	694	728 (T)	---	720	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.775	P=0.939	P=0.991	P=0.930	P=0.928
POLY 1.5	P=0.776	P=0.937	P=0.991	P=0.930	P=0.927
POLY 6	P=0.776	P=0.941	P=0.991	P=0.931	P=0.930
COCH-ARM / FISHERS	P=0.778	P=0.941	P=1.000	P=0.936	P=0.933

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MESENTERIC HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	1/48 (2%)	0/50 (0%)	1/48 (2%)	3/49 (6%)	2/48 (4%)
POLY 3 RATE	1/44.4	0/46.26	1/43.65	3/45.69	2/42.95
POLY 3 PERCENT	2.25%	0%	2.29%	6.57%	4.66%
TERMINAL	1/35 (3%)	0/39 (0%)	1/34 (3%)	0/34 (0%)	1/36 (3%)
FIRST INCIDENCE	728 (T)	---	728 (T)	533	705
STATISTICAL TESTS					
POLY 3	P=0.233	P=0.978	P=0.757	P=0.316	P=0.488
POLY 1.5	P=0.236	P=0.978	P=0.758	P=0.314	P=0.490
POLY 6	P=0.235	P=0.979	P=0.756	P=0.319	P=0.491
COCH-ARM / FISHERS	P=0.246	P=1.000	P=0.753	P=0.316	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
LYMPH NODE, MESENTERIC					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	5/48 (10%)	2/50 (4%)	5/48 (10%)	1/49 (2%)	4/48 (8%)
POLY 3 RATE	5/44.75	2/46.26	5/43.78	1/44.24	4/42.86
POLY 3 PERCENT	11.17%	4.32%	11.42%	2.26%	9.33%
TERMINAL	2/35 (6%)	2/39 (5%)	3/34 (9%)	0/34 (0%)	4/36 (11%)
FIRST INCIDENCE	674	728 (T)	706	720	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.566	P=0.947	P=0.617	P=0.983	P=0.736
POLY 1.5	P=0.570	P=0.947	P=0.621	P=0.983	P=0.740
POLY 6	P=0.564	P=0.948	P=0.611	P=0.982	P=0.735
COCH-ARM / FISHERS	P=0.585	P=0.950	P=0.630	P=0.988	P=0.757

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
OVARY					
CYSTADENOMA					
TUMOR RATES					
OVERALL	3/48 (6%)	2/46 (4%)	2/47 (4%)	1/48 (2%)	2/49 (4%)
POLY 3 RATE	3/44.11	2/42.52	2/42.56	1/42.31	2/43.83
POLY 3 PERCENT	6.8%	4.7%	4.7%	2.36%	4.56%
TERMINAL	2/35 (6%)	2/36 (6%)	2/33 (6%)	1/33 (3%)	1/36 (3%)
FIRST INCIDENCE	674	728 (T)	728 (T)	728 (T)	713
STATISTICAL TESTS					
POLY 3	P=0.718	P=0.808	P=0.809	P=0.931	P=0.818
POLY 1.5	P=0.720	P=0.806	P=0.810	P=0.933	P=0.818
POLY 6	P=0.720	P=0.812	P=0.807	P=0.930	P=0.820
COCH-ARM / FISHERS	P=0.729	P=0.806	P=0.813	P=0.941	P=0.825

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
OVARY					
GRANULOSA CELL TUMOR; LUTEOMA; THECOMA OR SERTOLI CELL TUMOR, BENIGN OR MALIGNANT					
TUMOR RATES					
OVERALL	1/48 (2%)	2/46 (4%)	1/47 (2%)	0/48 (0%)	0/49 (0%)
POLY 3 RATE	1/44.43	2/42.52	1/42.56	0/42.31	0/43.77
POLY 3 PERCENT	2.25%	4.7%	2.35%	0%	0%
TERMINAL	0/35 (0%)	2/36 (6%)	1/33 (3%)	0/33 (0%)	0/36 (0%)
FIRST INCIDENCE	567	728 (T)	728 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.964	P=0.485	P=0.751	P=0.976	P=0.977
POLY 1.5	P=0.964	P=0.484	P=0.752	P=0.976	P=0.977
POLY 6	P=0.964	P=0.488	P=0.749	P=0.976	P=0.977
COCH-ARM / FISHERS	P=0.966	P=0.484	P=0.747	P=1.000	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
OVARY					
HEMANGIOMA					
TUMOR RATES					
OVERALL	2/48 (4%)	0/46 (0%)	0/47 (0%)	2/48 (4%)	2/49 (4%)
POLY 3 RATE	2/44.25	0/42.52	0/42.56	2/42.31	2/43.77
POLY 3 PERCENT	4.52%	0%	0%	4.73%	4.57%
TERMINAL	1/35 (3%)	0/36 (0%)	0/33 (0%)	2/33 (6%)	2/36 (6%)
FIRST INCIDENCE	630	---	---	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.281	P=0.983	P=0.983	P=0.678	P=0.690
POLY 1.5	P=0.284	P=0.983	P=0.983	P=0.683	P=0.692
POLY 6	P=0.282	P=0.983	P=0.983	P=0.674	P=0.692
COCH-ARM / FISHERS	P=0.292	P=1.000	P=1.000	P=0.692	P=0.699

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
OVARY					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/48 (0%)	0/46 (0%)	0/47 (0%)	2/48 (4%)	1/49 (2%)
POLY 3 RATE	0/43.9	0/42.52	0/42.56	2/43.29	1/43.86
POLY 3 PERCENT	0%	0%	0%	4.62%	2.28%
TERMINAL	0/35 (0%)	0/36 (0%)	0/33 (0%)	0/33 (0%)	0/36 (0%)
FIRST INCIDENCE	---	---	---	533	705
STATISTICAL TESTS					
POLY 3	P=0.272			P=0.234	P=0.500
POLY 1.5	P=0.273			P=0.234	P=0.500
POLY 6	P=0.275			P=0.235	P=0.502
COCH-ARM / FISHERS	P=0.281			P=0.247	P=0.505

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
PANCREAS					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	0/50 (0%)	1/50 (2%)	1/49 (2%)	2/50 (4%)	0/50 (0%)
POLY 3 RATE	0/45.69	1/46.62	1/44.89	2/44.31	0/44.77
POLY 3 PERCENT	0%	2.15%	2.23%	4.51%	0%
TERMINAL	0/35 (0%)	0/39 (0%)	1/34 (3%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	---	628	728 (T)	720	---
STATISTICAL TESTS					
POLY 3	P=0.842	P=0.504	P=0.497	P=0.230	
POLY 1.5	P=0.843	P=0.502	P=0.496	P=0.232	
POLY 6	P=0.845	P=0.508	P=0.496	P=0.230	
COCH-ARM / FISHERS	P=0.850	P=0.500	P=0.495	P=0.247	

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
PITUITARY GLAND: PARS DISTALIS					
ADENOMA					
TUMOR RATES					
OVERALL	7/46 (15%)	4/47 (9%)	3/47 (6%)	2/44 (5%)	2/42 (5%)
POLY 3 RATE	7/42.47	4/43.31	3/43.23	2/40.4	2/38.23
POLY 3 PERCENT	16.48%	9.23%	6.94%	4.95%	5.23%
TERMINAL	6/32 (19%)	3/36 (8%)	3/34 (9%)	1/32 (3%)	1/31 (3%)
FIRST INCIDENCE	694	714	728 (T)	715	725
STATISTICAL TESTS					
POLY 3	P=0.931	P=0.907	P=0.957	P=0.980	P=0.975
POLY 1.5	P=0.931	P=0.906	P=0.957	P=0.980	P=0.975
POLY 6	P=0.933	P=0.911	P=0.957	P=0.981	P=0.977
COCH-ARM / FISHERS	P=0.933	P=0.908	P=0.958	P=0.982	P=0.979

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
FIBROMA; FIBROSARCOMA; SARCOMA; MYXOMA; MYXOSARCOMA OR MALIGNANT FIBROUS HISTIOCYTOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
POLY 3 RATE	3/45.89	1/46.26	0/44.97	0/44.28	1/43.86
POLY 3 PERCENT	6.54%	2.16%	0%	0%	2.28%
TERMINAL	2/35 (6%)	1/39 (3%)	0/34 (0%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	675	728 (T)	---	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.814	P=0.938	P=0.990	P=0.990	P=0.931
POLY 1.5	P=0.814	P=0.937	P=0.991	P=0.990	P=0.931
POLY 6	P=0.815	P=0.940	P=0.990	P=0.990	P=0.932
COCH-ARM / FISHERS	P=0.815	P=0.941	P=1.000	P=1.000	P=0.939

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
FIBROSARCOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
POLY 3 RATE	3/45.89	0/46.26	0/44.97	0/44.28	1/43.86
POLY 3 PERCENT	6.54%	0%	0%	0%	2.28%
TERMINAL	2/35 (6%)	0/39 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	675	---	---	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.743	P=0.991	P=0.990	P=0.990	P=0.931
POLY 1.5	P=0.743	P=0.991	P=0.991	P=0.990	P=0.931
POLY 6	P=0.743	P=0.991	P=0.990	P=0.990	P=0.932
COCH-ARM / FISHERS	P=0.745	P=1.000	P=1.000	P=1.000	P=0.939

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
FIBROSARCOMA; SARCOMA; MYXOSARCOMA OR MALIGNANT FIBROUS HISTIOCYTOMA					
TUMOR RATES					
OVERALL	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
POLY 3 RATE	3/45.89	1/46.26	0/44.97	0/44.28	1/43.86
POLY 3 PERCENT	6.54%	2.16%	0%	0%	2.28%
TERMINAL	2/35 (6%)	1/39 (3%)	0/34 (0%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	675	728 (T)	---	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.814	P=0.938	P=0.990	P=0.990	P=0.931
POLY 1.5	P=0.814	P=0.937	P=0.991	P=0.990	P=0.931
POLY 6	P=0.815	P=0.940	P=0.990	P=0.990	P=0.932
COCH-ARM / FISHERS	P=0.815	P=0.941	P=1.000	P=1.000	P=0.939

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SKIN					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY 3 RATE	1/45.69	0/46.26	2/45.5	0/44.28	0/43.86
POLY 3 PERCENT	2.19%	0%	4.4%	0%	0%
TERMINAL	1/35 (3%)	0/39 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	728 (T)	---	598	---	---
STATISTICAL TESTS					
POLY 3	P=0.939	P=0.978	P=0.499	P=0.976	P=0.976
POLY 1.5	P=0.940	P=0.977	P=0.498	P=0.977	P=0.976
POLY 6	P=0.939	P=0.978	P=0.500	P=0.976	P=0.977
COCH-ARM / FISHERS	P=0.942	P=1.000	P=0.500	P=1.000	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
HEMANGIOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY 3 RATE	0/45.69	0/46.26	0/44.89	0/44.28	1/44.77
POLY 3 PERCENT	0%	0%	0%	0%	2.23%
TERMINAL	0/35 (0%)	0/39 (0%)	0/34 (0%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	---	---	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.161				P=0.496
POLY 1.5	P=0.162				P=0.496
POLY 6	P=0.162				P=0.499
COCH-ARM / FISHERS	P=0.164				P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
HEMANGIOSARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	2/50 (4%)	0/49 (0%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	0/45.69	2/46.26	0/44.89	1/44.56	1/44.77
POLY 3 PERCENT	0%	4.32%	0%	2.24%	2.23%
TERMINAL	0/35 (0%)	2/39 (5%)	0/34 (0%)	0/34 (0%)	1/37 (3%)
FIRST INCIDENCE	---	728 (T)	---	651	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.566	P=0.240		P=0.495	P=0.496
POLY 1.5	P=0.566	P=0.238		P=0.496	P=0.496
POLY 6	P=0.572	P=0.244		P=0.496	P=0.499
COCH-ARM / FISHERS	P=0.574	P=0.247		P=0.500	P=0.500

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	1/50 (2%)	1/50 (2%)	2/49 (4%)	3/50 (6%)	0/50 (0%)
POLY 3 RATE	1/45.69	1/46.26	2/44.89	3/45.39	0/44.77
POLY 3 PERCENT	2.19%	2.16%	4.45%	6.61%	0%
TERMINAL	1/35 (3%)	1/39 (3%)	2/34 (6%)	1/34 (3%)	0/37 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	533	---
STATISTICAL TESTS					
POLY 3	P=0.890	P=0.763	P=0.494	P=0.303	P=0.977
POLY 1.5	P=0.890	P=0.761	P=0.494	P=0.302	P=0.977
POLY 6	P=0.892	P=0.767	P=0.493	P=0.307	P=0.977
COCH-ARM / FISHERS	P=0.897	P=0.753	P=0.492	P=0.309	P=1.000

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

PA08: Statistical Analysis of 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: 06:04:58
Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
SPLEEN					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	2/50 (4%)	2/50 (4%)	3/49 (6%)	1/50 (2%)	4/50 (8%)
POLY 3 RATE	2/45.82	2/46.62	3/44.94	1/44.28	4/44.77
POLY 3 PERCENT	4.36%	4.29%	6.68%	2.26%	8.93%
TERMINAL	1/35 (3%)	1/39 (3%)	2/34 (6%)	1/34 (3%)	4/37 (11%)
FIRST INCIDENCE	694	628	717	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.233	P=0.700	P=0.491	P=0.872	P=0.326
POLY 1.5	P=0.236	P=0.696	P=0.491	P=0.873	P=0.327
POLY 6	P=0.234	P=0.707	P=0.489	P=0.871	P=0.331
COCH-ARM / FISHERS	P=0.245	P=0.691	P=0.490	P=0.879	P=0.339

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

PA08: Statistical Analysis of Neoplastic Lesions
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Date Report Requested: 12/09/2022
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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
THYMUS					
LYMPHOMA: MALIGNANT					
TUMOR RATES					
OVERALL	3/47 (6%)	1/50 (2%)	3/48 (6%)	2/48 (4%)	1/49 (2%)
POLY 3 RATE	3/42.69	1/46.26	3/44.15	2/43.05	1/43.86
POLY 3 PERCENT	7.03%	2.16%	6.8%	4.65%	2.28%
TERMINAL	2/32 (6%)	1/39 (3%)	1/34 (3%)	1/34 (3%)	1/37 (3%)
FIRST INCIDENCE	726	728 (T)	652	720	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.861	P=0.947	P=0.678	P=0.822	P=0.940
POLY 1.5	P=0.862	P=0.945	P=0.673	P=0.822	P=0.940
POLY 6	P=0.862	P=0.949	P=0.685	P=0.826	P=0.943
COCH-ARM / FISHERS	P=0.870	P=0.949	P=0.671	P=0.826	P=0.946

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

PA08: Statistical Analysis of Neoplastic Lesions
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CAS Number: 126-33-0
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Lab: Battelle with CRL

STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
UTERUS					
HISTIOCYTIC SARCOMA					
TUMOR RATES					
OVERALL	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY 3 RATE	0/45.69	1/46.52	0/44.97	2/45.25	0/44.77
POLY 3 PERCENT	0%	2.15%	0%	4.42%	0%
TERMINAL	0/35 (0%)	0/39 (0%)	0/34 (0%)	0/34 (0%)	0/37 (0%)
FIRST INCIDENCE	---	659	---	533	---
STATISTICAL TESTS					
POLY 3	P=0.811	P=0.504		P=0.235	
POLY 1.5	P=0.811	P=0.501		P=0.235	
POLY 6	P=0.815	P=0.508		P=0.237	
COCH-ARM / FISHERS	P=0.817	P=0.500		P=0.247	

Study Number: C11054B-02
Test Type: TOX
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Species/Strain: Mouse/B6C3F1/N

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STATISTICAL ANALYSIS OF NEOPLASTIC LESIONS
TERMINAL REMOVAL DAYS: SD 728 - 731

Females: Core Animals					
DOSE	0 mg/L	30 mg/L	100 mg/L	300 mg/L	1000 mg/L
UTERUS					
STROMAL POLYP					
TUMOR RATES					
OVERALL	0/50 (0%)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY 3 RATE	0/45.69	3/46.26	1/44.97	1/44.28	1/44.77
POLY 3 PERCENT	0%	6.49%	2.22%	2.26%	2.23%
TERMINAL	0/35 (0%)	3/39 (8%)	1/34 (3%)	1/34 (3%)	1/37 (3%)
FIRST INCIDENCE	---	728 (T)	728 (T)	728 (T)	728 (T)
STATISTICAL TESTS					
POLY 3	P=0.734	P=0.121	P=0.497	P=0.494	P=0.496
POLY 1.5	P=0.733	P=0.120	P=0.498	P=0.495	P=0.496
POLY 6	P=0.739	P=0.124	P=0.496	P=0.493	P=0.499
COCH-ARM / FISHERS	P=0.739	P=0.121	P=0.500	P=0.500	P=0.500

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

PA08: Statistical Analysis of Neoplastic Lesions
Test Compound: Sulfolane
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LEGEND

TUMOR RATES

Overall lesion rate: number of lesion-bearing animals/number of animals examined at site (percent lesion rate)

Poly 3 rate: number of lesion-bearing animals/poly-3 adjusted number of animals

Poly 3 percent: adjusted lifetime lesion incidence

Terminal lesion rate: number of lesion-bearing animals at terminal sacrifice/number of animals examined at site (percent lesion rate)

(T) - terminal sacrifice

STATISTICAL TESTS

Trend test p-values shown for the control group; pairwise test p-values shown for the dose groups

The Poly-3, Poly-1.5, and Poly-6 statistics apply intercurrent mortality adjustments to the Cochran-Armitage test.

The Cochran-Armitage and Fisher Exact tests directly compare the overall incidence rates.

All trend and pairwise p-values are reported as one-sided.

No statistical analysis is reported unless there are at least two lesions in one or more of the dose groups

Some organs did not receive a histopathologic evaluation unless a gross lesion was found. These organs are not included on this report.

**** END OF REPORT ****