

Study Number: C11054B-01
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

I07: Mean Water Consumption (Chronic Animals)
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 06/22/2022
Time Report Requested: 08:52:47
Lab: Battelle

Study Number: C11054B-01
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.1
Stat Version: S

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I07: Mean Water Consumption (Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 06/22/2022

Time Report Requested: 08:52:47

Lab: Battelle

F1 Males: F1 Core Animals

Phase	Days	Treatment Groups (mg/L)								
		0			30			100		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	21 - 28	24.4 ± 0.4	50.3 ± 0.8	27	23.9 ± 0.5	50.6 ± 0.9	25	23.7 ± 0.6	50.1 ± 1.1	26
	49 - 56	23.6 ± 0.4	46.3 ± 0.7	27	23.8 ± 0.6	48.0 ± 1.1	25	23.7 ± 0.6	47.7 ± 1.2	26
	77 - 84	23.8 ± 0.4	45.6 ± 0.8	27	23.8 ± 0.6	46.9 ± 1.2	25	24.2 ± 0.7	47.3 ± 1.3	26
	105 - 112	23.9 ± 0.4	44.3 ± 0.7	27	24.5 ± 0.7	46.7 ± 1.4	25	23.9 ± 0.7	45.4 ± 1.2	26
	133 - 140	23.7 ± 0.4	42.3 ± 0.7	27	24.0 ± 0.7	44.2 ± 1.4	25	23.8 ± 0.7	43.4 ± 1.2	26
	161 - 168	23.9 ± 0.5	41.1 ± 0.7	27	24.1 ± 0.7	42.6 ± 1.3	24	23.5 ± 0.8	41.1 ± 1.3	26
	189 - 196	24.2 ± 0.5	40.4 ± 0.7	27	24.5 ± 0.7	42.4 ± 1.4	25	24.0 ± 0.8	40.9 ± 1.3	26
	217 - 224	23.4 ± 0.5	38.6 ± 0.9	27	24.7 ± 0.8	42.3 ± 1.7	25	23.4 ± 0.9	39.1 ± 1.3	26
	245 - 252	24.4 ± 0.7	39.4 ± 1.3	27	24.5 ± 0.9	41.0 ± 1.7	25	23.7 ± 0.9	38.6 ± 1.2	26
	273 - 280	24.7 ± 0.7	39.2 ± 1.4	27	24.9 ± 1.0	41.0 ± 1.9	25	23.8 ± 0.9	37.7 ± 1.2	26
	301 - 308	25.0 ± 0.9	39.4 ± 1.9	27	25.3 ± 1.2	41.3 ± 2.5	25	24.2 ± 0.9	37.8 ± 1.2	26
	329 - 336	25.2 ± 0.9	39.3 ± 1.9	27	26.5 ± 1.7	43.2 ± 3.4	25	24.6 ± 1.0	38.0 ± 1.4	26
	357 - 364	26.4 ± 1.2	41.2 ± 2.3	27	28.1 ± 2.1	46.4 ± 4.5	25	26.9 ± 1.5	41.3 ± 2.2	26
	385 - 392	28.7 ± 1.4	45.0 ± 2.8	27	31.3 ± 2.4	52.0 ± 5.3	25	30.2 ± 1.9	46.8 ± 3.1	26
	413 - 420	31.2 ± 1.7	49.6 ± 3.5	27	31.6 ± 2.3	49.7 ± 4.4	22	31.8 ± 1.8	49.8 ± 2.9	26
	441 - 448	32.6 ± 1.3	51.3 ± 2.5	26	32.6 ± 1.9	51.9 ± 3.4	22	32.4 ± 1.6	50.6 ± 2.8	24
	469 - 476	33.9 ± 1.7	53.7 ± 3.2	26	34.4 ± 2.7	56.7 ± 6.2	21	33.4 ± 2.0	53.0 ± 3.6	24
	497 - 504	38.1 ± 2.1	61.1 ± 4.0	26	35.1 ± 3.0	60.1 ± 7.4	20	36.9 ± 2.4	59.6 ± 4.4	24
	525 - 532	37.1 ± 1.9	59.3 ± 3.9	25	31.5 ± 1.9	51.3 ± 3.8	19	39.6 ± 2.6	64.3 ± 4.9	23
	553 - 560	40.8 ± 1.9	68.2 ± 4.3	23	38.1 ± 3.2	60.1 ± 4.8	16	40.2 ± 3.0	67.5 ± 5.2	23
	581 - 588	40.3 ± 2.4	67.1 ± 4.7	19	36.4 ± 2.5	60.2 ± 4.1	16	40.9 ± 2.9	69.5 ± 5.2	19
	609 - 616	43.3 ± 2.7	73.7 ± 5.3	16	41.4 ± 3.2	69.5 ± 5.4	15	43.7 ± 3.0	74.3 ± 6.1	14
	21 - 616	27.8 ± 0.6	45.5 ± 1.4	16	26.2 ± 0.9	44.0 ± 1.3	15	27.7 ± 1.4	46.4 ± 2.4	14

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I07: Mean Water Consumption (Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 06/22/2022

Time Report Requested: 08:52:47

Lab: Battelle

F1 Males: F1 Core Animals

Phase	Days	Treatment Groups (mg/L)					
		300			1000		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	21 - 28	23.6 ± 0.6	49.1 ± 1.1	25	24.8 ± 0.7	52.9 ± 1.4	26
	49 - 56	23.5 ± 0.4	46.1 ± 0.6	25	24.8 ± 0.6	50.0 ± 1.0 *	26
	77 - 84	24.0 ± 0.6	46.0 ± 1.1	25	24.6 ± 0.6	48.3 ± 1.1	26
	105 - 112	24.3 ± 0.6	44.8 ± 0.9	25	24.2 ± 0.5	46.0 ± 0.9	26
	133 - 140	23.7 ± 0.9	42.1 ± 1.5	25	23.5 ± 0.5	43.3 ± 0.8	26
	161 - 168	23.5 ± 0.6	40.1 ± 0.9	25	23.5 ± 0.6	41.8 ± 0.9	26
	189 - 196	24.0 ± 0.6	40.1 ± 1.0	25	24.1 ± 0.5	42.3 ± 0.8	26
	217 - 224	23.7 ± 0.6	39.1 ± 1.1	25	24.1 ± 0.6	41.6 ± 1.1	26
	245 - 252	23.5 ± 0.7	38.2 ± 1.4	25	24.7 ± 0.6	42.0 ± 1.1	26
	273 - 280	23.6 ± 1.0	37.6 ± 1.9	25	25.8 ± 0.9	43.3 ± 1.6	26
	301 - 308	24.0 ± 0.9	38.0 ± 1.9	25	27.9 ± 1.2	46.5 ± 2.3	26
	329 - 336	24.5 ± 1.2	38.1 ± 2.5	25	26.6 ± 1.3	44.0 ± 2.4	26
	357 - 364	26.7 ± 1.3	41.8 ± 3.0	25	31.5 ± 2.0	53.0 ± 4.0	25
	385 - 392	28.2 ± 1.4	43.4 ± 2.2	24	34.7 ± 2.5	58.6 ± 5.0	25
	413 - 420	29.2 ± 1.3	44.8 ± 2.4	22	35.3 ± 2.5	60.6 ± 5.6	24
	441 - 448	31.1 ± 1.5	47.7 ± 2.7	22	34.5 ± 2.3	60.2 ± 4.8	22
	469 - 476	33.4 ± 2.0	52.2 ± 3.7	23	35.9 ± 2.6	61.1 ± 5.4	20
	497 - 504	37.2 ± 2.4	58.8 ± 4.2	22	41.5 ± 4.2	72.0 ± 10.3	18
	525 - 532	37.2 ± 2.9	60.2 ± 4.9	21	42.5 ± 4.2	75.6 ± 9.9	18
	553 - 560	41.7 ± 2.5	69.0 ± 5.2	18	37.4 ± 2.9	66.2 ± 6.3	12
	581 - 588	36.3 ± 2.5	62.3 ± 5.3	16	42.3 ± 4.9	81.9 ± 12.8	13
	609 - 616	46.1 ± 3.9	77.3 ± 8.4	14	42.2 ± 4.7	83.4 ± 12.8	12
	21 - 616	26.2 ± 0.9	42.4 ± 1.6	14	27.3 ± 1.5	49.4 ± 4.0	12

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I07: Mean Water Consumption (Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 06/22/2022

Time Report Requested: 08:52:47

Lab: Battelle

F1 Females: F1 Core Animals

Phase	Days	Treatment Groups (mg/L)								
		0			30			100		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	21 - 28	20.4 ± 0.6	69.7 ± 1.8 *	14	21.3 ± 0.6	74.3 ± 2.0	14	21.2 ± 0.4	73.9 ± 1.7	13
	49 - 56	20.7 ± 0.4	68.5 ± 1.5	14	21.9 ± 0.4	73.0 ± 1.1	14	22.2 ± 0.7	74.6 ± 2.3	13
	77 - 84	21.1 ± 0.4	67.4 ± 1.4	14	21.1 ± 0.4	68.0 ± 1.1	14	22.1 ± 0.6	71.6 ± 2.0	13
	105 - 112	21.2 ± 0.4	65.9 ± 1.5	14	20.9 ± 0.5	65.9 ± 1.2	14	22.3 ± 0.6	69.8 ± 1.8	13
	133 - 140	21.2 ± 0.4	64.0 ± 1.3	14	21.7 ± 0.3	66.5 ± 1.2	14	22.9 ± 0.6	70.3 ± 2.1	13
	161 - 168	22.5 ± 0.5	66.4 ± 1.6	14	22.3 ± 0.7	67.2 ± 1.8	14	24.3 ± 0.6	72.7 ± 2.1	13
	189 - 196	24.2 ± 0.6	70.0 ± 1.9	14	23.6 ± 0.7	70.4 ± 2.0	14	24.2 ± 0.7	71.9 ± 2.6	13
	217 - 224	24.9 ± 1.0	71.7 ± 3.4	14	24.9 ± 0.5	72.0 ± 1.4	14	25.8 ± 0.6	75.0 ± 2.3	13
	245 - 252	23.9 ± 0.7	67.9 ± 2.6	14	25.3 ± 0.6	72.3 ± 1.6	14	25.3 ± 0.6	72.3 ± 2.6	13
	273 - 280	24.1 ± 0.8	65.9 ± 2.7	14	26.3 ± 0.6	74.1 ± 2.6	14	26.4 ± 0.5	73.0 ± 2.3	13
	301 - 308	24.4 ± 0.9	64.7 ± 2.6	14	27.4 ± 0.9	75.0 ± 2.7 *	15	26.8 ± 0.6	72.4 ± 2.4	13
	329 - 336	24.6 ± 0.8	63.3 ± 2.5	14	27.7 ± 0.9	74.4 ± 2.7 *	15	27.2 ± 0.6	72.8 ± 2.5	13
	357 - 364	26.3 ± 0.8	66.4 ± 2.3	14	29.3 ± 1.0	78.7 ± 3.4 *	16	29.1 ± 0.9	78.1 ± 3.1 *	13
	385 - 392	28.4 ± 0.7	70.4 ± 2.1	14	32.4 ± 1.1 *	86.2 ± 3.9 **	16	31.2 ± 0.9	80.6 ± 3.4	13
	413 - 420	29.5 ± 0.7	71.1 ± 2.1	14	33.7 ± 1.3	86.8 ± 3.7 **	16	32.3 ± 1.3	80.6 ± 4.4	13
	441 - 448	28.0 ± 0.6	66.0 ± 2.2	14	31.3 ± 1.3	78.9 ± 4.0	16	31.3 ± 1.5	76.0 ± 4.6	13
	469 - 476	29.3 ± 1.6	69.6 ± 4.1	14	31.1 ± 1.4	77.8 ± 4.6	15	31.2 ± 1.4	76.1 ± 4.1	13
	497 - 504	30.0 ± 0.9	72.3 ± 2.3	13	32.8 ± 1.9	82.0 ± 5.8	15	32.7 ± 1.1	77.9 ± 3.8	13
	525 - 532	28.9 ± 0.8	68.0 ± 2.6	13	33.1 ± 1.7	81.1 ± 5.7	14	33.4 ± 1.1	78.0 ± 3.9	13
	553 - 560	31.1 ± 1.8	73.1 ± 4.5	13	33.8 ± 1.4	81.0 ± 4.7	14	36.0 ± 1.3	84.7 ± 4.0	12
	581 - 588	31.6 ± 2.3	71.9 ± 5.0	12	32.2 ± 1.6	76.5 ± 4.6	14	34.1 ± 1.7	81.0 ± 4.2	12
	609 - 616	33.1 ± 1.2	74.6 ± 3.4	12	35.0 ± 2.1	83.9 ± 5.4	14	37.7 ± 3.2	92.5 ± 8.8	12
	21 - 616	25.3 ± 0.4	66.3 ± 1.6	12	27.1 ± 0.6	75.4 ± 1.7	13	27.3 ± 0.8	76.5 ± 3.4	12

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I07: Mean Water Consumption (Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 06/22/2022

Time Report Requested: 08:52:47

Lab: Battelle

F1 Females: F1 Core Animals

Phase	Days	Treatment Groups (mg/L)					
		300			1000		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Study	21 - 28	21.1 ± 0.5	74.3 ± 1.6	13	20.7 ± 0.5	74.7 ± 1.5	15
	49 - 56	21.3 ± 0.7	72.0 ± 2.1	13	20.8 ± 0.5	72.4 ± 1.8	15
	77 - 84	21.0 ± 0.6	68.4 ± 1.8	13	21.0 ± 0.6	71.0 ± 2.0	15
	105 - 112	20.5 ± 0.6	64.6 ± 2.0	13	20.9 ± 0.6	69.3 ± 2.4	15
	133 - 140	20.7 ± 0.6	63.3 ± 1.6	13	22.0 ± 0.8	71.1 ± 2.8	15
	161 - 168	21.9 ± 0.7	65.7 ± 2.1	13	22.3 ± 0.8	71.4 ± 2.8	15
	189 - 196	23.1 ± 0.7	68.0 ± 1.7	13	22.9 ± 1.0	72.7 ± 3.6	15
	217 - 224	23.4 ± 0.7	67.6 ± 2.0	13	24.0 ± 0.9	74.0 ± 3.0	15
	245 - 252	23.6 ± 0.6	66.9 ± 2.0	13	23.3 ± 1.0	71.3 ± 3.4	15
	273 - 280	25.0 ± 0.8	68.5 ± 3.0	13	24.2 ± 1.0	71.7 ± 3.5	15
	301 - 308	25.9 ± 0.8	68.8 ± 2.9	13	25.2 ± 0.9	73.2 ± 3.5	15
	329 - 336	24.7 ± 0.7	65.4 ± 2.3	13	24.9 ± 1.0	70.4 ± 3.5	15
	357 - 364	25.6 ± 0.8	66.8 ± 2.3	13	26.5 ± 1.4	74.0 ± 4.5	15
	385 - 392	28.2 ± 0.8	72.7 ± 2.9	13	28.7 ± 1.5	79.7 ± 4.6	15
	413 - 420	30.0 ± 0.9	75.0 ± 2.7	13	30.0 ± 1.5	83.7 ± 5.2	15
	441 - 448	27.2 ± 0.7	67.8 ± 2.7	13	27.9 ± 1.7	76.5 ± 4.6	14
	469 - 476	27.9 ± 1.0	67.9 ± 3.7	13	31.3 ± 2.3	86.7 ± 8.3	15
	497 - 504	30.2 ± 1.6	72.4 ± 4.9	13	32.1 ± 2.3	89.8 ± 8.1	15
	525 - 532	31.2 ± 1.7	76.5 ± 5.9	12	32.0 ± 3.0	88.8 ± 10.6	15
	553 - 560	33.8 ± 1.2	80.4 ± 5.3	12	33.2 ± 3.2	93.8 ± 11.4	15
	581 - 588	31.5 ± 1.8	77.5 ± 4.6	11	30.4 ± 3.2	84.5 ± 10.1	13
	609 - 616	33.3 ± 1.6	82.8 ± 5.6	11	35.8 ± 4.3	105.8 ± 22.0	12
	21 - 616	25.5 ± 0.7	71.1 ± 2.9	11	25.8 ± 1.3	79.9 ± 6.8	12

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I07: Mean Water Consumption (Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 06/22/2022

Time Report Requested: 08:52:47

Lab: Battelle

LEGEND

Reported as the mean $\pm$ SEM. N is the number of animals, number of cages for group housed adult animals or number of litters.

F0 females were singly housed. All F1 cohorts were group housed

Water consumption values were excluded when excessive spillage was recorded.

Statistical analysis was performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

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

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

Consumption is not reported for animals during mating

One female in the 30 mg/L dose group was excluded from the analysis of the SD 21 - SD 616 consumption due to a cage change during the interval.

For the F1 generation animals, Study Days are defined as the number of days after interim sacrifice animals were removed. On Study Day 0, animals were between 123 and 128 days of age.

**** END OF REPORT ****