

**Study Number:** C11054B-01

**Test Type:** TOX

**Route:** Dosing in Water

**Species/Strain:** Rat/Harlan Sprague Dawley

**Study Number:**

**Study Sex:**

**PWG Approval Date:**

**Version:**

**Stat Version:**

**I04G: Mean Body Weight Gain (Interim and Chronic Animals)**

**Test Compound:** Sulfolane

CAS Number: 126-33-0

C11054B-01

Both

See web page for date of PWG Approval

v1.4.4

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**Date Report Requested:** 03/20/2023

**Time Report Requested:** 12:54:37

**Lab:** Battelle

Study Number: C11054B-01

Test Type: TOX

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Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain (Interim and Chronic Animals)

Test Compound: Sulfolane

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Lab: Battelle

| F0 Females |         |                         |    |             |    |             |    |             |    |              |    |
|------------|---------|-------------------------|----|-------------|----|-------------|----|-------------|----|--------------|----|
| Phase      | Days    | Treatment Groups (mg/L) |    |             |    |             |    |             |    |              |    |
|            |         | 0                       |    | 30          |    | 100         |    | 300         |    | 1000         |    |
|            |         | Wt Gain (g)             | N  | Wt Gain (g) | N  | Wt Gain (g) | N  | Wt Gain (g) | N  | Wt Gain (g)  | N  |
| Gestation  | 3 - 6   | 15.1 ± 1.9 *            | 14 | 13.0 ± 1.7  | 9  | 16.5 ± 1.6  | 10 | 11.1 ± 1.2  | 11 | 9.8 ± 1.3    | 12 |
|            | 6 - 9   | 11.9 ± 0.6 **           | 41 | 12.4 ± 0.8  | 33 | 12.7 ± 0.5  | 35 | 11.2 ± 0.5  | 37 | 7.6 ± 1.0 ** | 38 |
|            | 9 - 12  | 13.5 ± 0.6              | 41 | 14.1 ± 0.6  | 33 | 14.2 ± 0.7  | 35 | 13.8 ± 0.6  | 37 | 14.4 ± 1.0   | 38 |
|            | 12 - 15 | 17.6 ± 0.7              | 41 | 18.8 ± 1.0  | 33 | 17.5 ± 0.8  | 35 | 18.5 ± 0.7  | 37 | 15.9 ± 0.9   | 38 |
|            | 15 - 18 | 35.7 ± 1.6              | 41 | 37.9 ± 1.7  | 33 | 36.3 ± 1.9  | 35 | 38.8 ± 1.8  | 37 | 34.5 ± 1.8   | 38 |
|            | 18 - 21 | 41.2 ± 1.9              | 41 | 45.0 ± 2.0  | 33 | 39.6 ± 2.4  | 35 | 41.2 ± 3.3  | 37 | 35.6 ± 3.0   | 38 |
|            | 6 - 21  | 119.9 ± 4.2 *           | 41 | 128.2 ± 4.8 | 33 | 120.3 ± 5.2 | 35 | 123.5 ± 5.0 | 37 | 108.0 ± 5.2  | 38 |
| Lactation  | 1 - 4   | 12.1 ± 1.2              | 38 | 11.3 ± 1.6  | 31 | 9.5 ± 1.2   | 32 | 13.2 ± 1.1  | 34 | 12.2 ± 1.9   | 34 |
|            | 4 - 7   | 8.9 ± 1.1               | 38 | 8.7 ± 1.3   | 31 | 5.2 ± 1.4   | 32 | 8.3 ± 1.3   | 34 | 10.2 ± 1.8   | 34 |
|            | 7 - 10  | 10.4 ± 1.2              | 38 | 11.6 ± 1.3  | 31 | 13.6 ± 1.8  | 31 | 13.1 ± 1.6  | 34 | 10.5 ± 1.6   | 34 |
|            | 10 - 14 | 6.8 ± 1.4               | 38 | 2.8 ± 1.7   | 31 | 7.0 ± 2.0   | 31 | 5.2 ± 1.8   | 34 | 6.3 ± 2.1    | 34 |
|            | 14 - 17 | -3.6 ± 1.5              | 38 | -1.6 ± 1.5  | 30 | -3.0 ± 1.8  | 30 | -1.2 ± 1.9  | 34 | 1.3 ± 1.7    | 34 |
|            | 17 - 21 | -8.7 ± 1.7              | 38 | -10.4 ± 1.8 | 30 | -10.6 ± 2.0 | 30 | -10.8 ± 1.7 | 34 | -12.1 ± 1.7  | 34 |
|            | 21 - 24 | -9.9 ± 1.5              | 38 | -7.1 ± 1.4  | 31 | -9.2 ± 1.3  | 31 | -9.3 ± 1.2  | 34 | -5.7 ± 1.3   | 34 |
|            | 24 - 28 | -9.2 ± 1.3              | 38 | -9.4 ± 1.3  | 31 | -11.1 ± 1.2 | 31 | -8.9 ± 1.6  | 34 | -8.5 ± 1.5   | 34 |
|            | 1 - 28  | 6.8 ± 2.4 **            | 38 | 5.6 ± 2.3   | 31 | 1.4 ± 2.2   | 31 | 9.7 ± 1.9   | 34 | 14.2 ± 2.2 * | 34 |

| F1 Males: F1 Immunotox |         |                         |         |             |         |             |         |             |         |               |         |
|------------------------|---------|-------------------------|---------|-------------|---------|-------------|---------|-------------|---------|---------------|---------|
| Phase                  | Days    | Treatment Groups (mg/L) |         |             |         |             |         |             |         |               |         |
|                        |         | 0                       |         | 30          |         | 100         |         | 300         |         | 1000          |         |
|                        |         | Wt Gain (g)             | N       | Wt Gain (g) | N       | Wt Gain (g) | N       | Wt Gain (g) | N       | Wt Gain (g)   | N       |
| PND                    | 28 - 35 | 38.8 ± 0.8 **           | 60 (30) | 38.5 ± 0.8  | 60 (31) | 40.1 ± 0.7  | 60 (30) | 37.4 ± 0.9  | 60 (27) | 35.5 ± 0.9 *  | 60 (28) |
|                        | 35 - 42 | 48.1 ± 0.9 **           | 60 (30) | 46.3 ± 1.0  | 60 (31) | 45.9 ± 0.9  | 60 (30) | 46.5 ± 0.8  | 60 (27) | 44.2 ± 0.9 ** | 60 (28) |
|                        | 42 - 49 | 48.5 ± 1.0 *            | 60 (30) | 48.6 ± 0.7  | 60 (31) | 48.1 ± 0.7  | 60 (30) | 47.7 ± 0.8  | 60 (27) | 46.7 ± 0.8    | 60 (28) |
|                        | 49 - 56 | 50.1 ± 0.7              | 60 (30) | 47.2 ± 0.7  | 60 (31) | 48.0 ± 0.9  | 60 (30) | 48.7 ± 0.9  | 60 (27) | 47.7 ± 0.9    | 60 (28) |

| F1 Females: F1 Immunotox |         |                         |         |             |         |             |         |             |         |              |         |
|--------------------------|---------|-------------------------|---------|-------------|---------|-------------|---------|-------------|---------|--------------|---------|
| Phase                    | Days    | Treatment Groups (mg/L) |         |             |         |             |         |             |         |              |         |
|                          |         | 0                       |         | 30          |         | 100         |         | 300         |         | 1000         |         |
|                          |         | Wt Gain (g)             | N       | Wt Gain (g) | N       | Wt Gain (g) | N       | Wt Gain (g) | N       | Wt Gain (g)  | N       |
| PND                      | 28 - 35 | 28.9 ± 0.5 *            | 60 (27) | 28.6 ± 0.6  | 60 (30) | 29.2 ± 0.4  | 57 (29) | 27.8 ± 1.1  | 60 (26) | 27.2 ± 0.6   | 60 (29) |
|                          | 35 - 42 | 31.5 ± 0.7 **           | 60 (27) | 32.7 ± 0.6  | 60 (30) | 31.6 ± 0.5  | 57 (29) | 30.9 ± 1.1  | 60 (26) | 29.6 ± 0.6   | 60 (29) |
|                          | 42 - 49 | 21.7 ± 1.7              | 60 (27) | 25.0 ± 1.1  | 60 (30) | 25.2 ± 0.7  | 57 (29) | 25.7 ± 1.0  | 60 (26) | 23.2 ± 1.5   | 60 (29) |
|                          | 49 - 56 | 26.8 ± 1.6 *            | 60 (27) | 24.2 ± 0.9  | 60 (30) | 23.2 ± 1.3  | 57 (29) | 23.6 ± 1.1  | 60 (26) | 23.2 ± 1.3 * | 60 (29) |

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Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 03/20/2023

Time Report Requested: 12:54:37

Lab: Battelle

F1 Males: F1 Biosample Animals

| Phase | Days      | Treatment Groups (mg/L) |   |              |   |              |   |                |   |             |   |
|-------|-----------|-------------------------|---|--------------|---|--------------|---|----------------|---|-------------|---|
|       |           | 0                       |   | 30           |   | 100          |   | 300            |   | 1000        |   |
|       |           | Wt Gain (g)             | N | Wt Gain (g)  | N | Wt Gain (g)  | N | Wt Gain (g)    | N | Wt Gain (g) | N |
| PND   | 28 - 35   | 39.6 ± 1.3              | 5 | 41.2 ± 2.1   | 5 | 36.9 ± 0.8   | 5 | 40.5 ± 1.9     | 5 | 39.9 ± 2.5  | 5 |
|       | 35 - 42   | 49.2 ± 0.6 *            | 5 | 47.5 ± 2.7   | 5 | 50.8 ± 3.2   | 5 | 41.9 ± 2.8     | 5 | 43.8 ± 1.4  | 5 |
|       | 42 - 49   | 47.7 ± 1.1 *            | 5 | 49.9 ± 1.6   | 5 | 48.2 ± 1.8   | 5 | 43.7 ± 2.0     | 5 | 43.5 ± 0.9  | 5 |
|       | 49 - 56   | 50.6 ± 2.2              | 5 | 46.4 ± 2.2   | 5 | 50.1 ± 1.1   | 5 | 44.0 ± 2.3     | 5 | 47.9 ± 3.1  | 5 |
|       | 56 - 63   | 39.7 ± 2.1              | 5 | 36.1 ± 2.1   | 5 | 33.7 ± 2.2   | 5 | 16.1 ± 22.2    | 5 | 38.1 ± 1.2  | 5 |
|       | 63 - 70   | 28.4 ± 1.5              | 5 | 29.1 ± 2.3   | 5 | 26.8 ± 5.5   | 5 | 48.3 ± 22.0    | 5 | 28.8 ± 3.3  | 5 |
|       | 70 - 77   | 28.8 ± 1.6              | 5 | 19.7 ± 1.5 * | 5 | 19.5 ± 1.9 * | 5 | 20.6 ± 3.4 *   | 5 | 23.0 ± 1.1  | 5 |
|       | 77 - 84   | 24.1 ± 1.9              | 5 | 18.9 ± 2.2   | 5 | 27.2 ± 3.9   | 5 | 18.2 ± 4.7     | 5 | 18.0 ± 4.1  | 5 |
|       | 84 - 91   | 12.6 ± 2.1 *            | 5 | 14.2 ± 4.3   | 5 | 11.1 ± 5.4   | 5 | 21.1 ± 3.5     | 5 | 21.8 ± 3.9  | 5 |
|       | 91 - 98   | 19.2 ± 3.0              | 5 | 15.8 ± 4.7   | 5 | 14.1 ± 6.4   | 5 | 6.2 ± 4.6      | 5 | 14.0 ± 1.3  | 5 |
|       | 98 - 105  | 14.5 ± 1.1              | 5 | 10.6 ± 1.3   | 5 | 10.8 ± 1.6   | 5 | 13.0 ± 5.8     | 5 | 14.4 ± 2.1  | 5 |
|       | 105 - 112 | 15.9 ± 0.8              | 5 | 14.3 ± 1.2   | 5 | 15.8 ± 3.7   | 5 | 15.2 ± 2.4     | 5 | 9.8 ± 6.6   | 5 |
|       | 112 - 119 | 10.5 ± 1.7              | 5 | 12.1 ± 3.0   | 5 | 9.0 ± 1.8    | 5 | 7.0 ± 5.8      | 5 | 17.5 ± 5.8  | 5 |
|       | 28 - 119  | 380.7 ± 7.7             | 5 | 355.7 ± 10.5 | 5 | 354.0 ± 8.9  | 5 | 335.9 ± 17.9 * | 5 | 360.5 ± 4.5 | 5 |

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Lab: Battelle

F1 Females: F1 Biosample Animals

| Phase | Days      | Treatment Groups (mg/L) |   |             |   |             |   |              |   |              |   |
|-------|-----------|-------------------------|---|-------------|---|-------------|---|--------------|---|--------------|---|
|       |           | 0                       |   | 30          |   | 100         |   | 300          |   | 1000         |   |
|       |           | Wt Gain (g)             | N | Wt Gain (g) | N | Wt Gain (g) | N | Wt Gain (g)  | N | Wt Gain (g)  | N |
| PND   | 28 - 35   | 32.6 ± 1.1              | 5 | 31.4 ± 1.0  | 5 | 33.9 ± 1.1  | 5 | 36.2 ± 1.9   | 5 | 32.6 ± 2.6   | 5 |
|       | 35 - 42   | 31.4 ± 1.4 *            | 5 | 33.7 ± 3.9  | 5 | 31.3 ± 1.5  | 5 | 23.7 ± 3.7   | 4 | 26.3 ± 2.0   | 5 |
|       | 42 - 49   | 21.0 ± 1.4              | 5 | 25.2 ± 1.4  | 5 | 22.5 ± 1.8  | 5 | 21.3 ± 0.9   | 4 | 28.8 ± 2.4 * | 5 |
|       | 49 - 56   | 20.6 ± 0.7              | 5 | 23.5 ± 3.1  | 5 | 22.6 ± 1.0  | 5 | 27.7 ± 2.2 * | 5 | 20.0 ± 1.0   | 5 |
|       | 56 - 63   | 17.1 ± 2.7              | 5 | 12.2 ± 6.5  | 5 | 19.0 ± 1.8  | 5 | 12.6 ± 2.1   | 5 | 16.1 ± 1.0   | 5 |
|       | 63 - 70   | 16.3 ± 4.0              | 5 | 17.5 ± 7.2  | 5 | 11.1 ± 4.7  | 5 | 11.5 ± 2.2   | 5 | 16.0 ± 1.9   | 5 |
|       | 70 - 77   | 9.0 ± 6.9               | 5 | 18.1 ± 3.5  | 5 | 14.4 ± 3.4  | 5 | 17.7 ± 3.0   | 5 | 8.6 ± 3.7    | 5 |
|       | 77 - 84   | 8.0 ± 4.5               | 5 | 6.9 ± 2.5   | 5 | 10.5 ± 4.3  | 5 | 5.7 ± 2.8    | 5 | 5.6 ± 3.6    | 5 |
|       | 84 - 91   | 9.6 ± 5.3               | 5 | 6.3 ± 3.9   | 5 | -0.3 ± 6.8  | 5 | 5.1 ± 4.1    | 5 | 8.7 ± 2.9    | 5 |
|       | 91 - 98   | 5.5 ± 4.1               | 5 | 7.1 ± 3.5   | 5 | 13.3 ± 3.6  | 5 | 8.0 ± 1.6    | 5 | 13.0 ± 3.4   | 5 |
|       | 98 - 105  | 5.9 ± 2.6               | 5 | 5.9 ± 1.6   | 5 | 2.2 ± 1.7   | 5 | -0.4 ± 6.4   | 5 | -0.4 ± 2.6   | 5 |
|       | 105 - 112 | 3.6 ± 2.8               | 5 | 8.0 ± 3.1   | 5 | 11.3 ± 3.1  | 5 | 20.8 ± 7.7 * | 5 | 5.7 ± 2.3    | 5 |
|       | 112 - 119 | 2.4 ± 2.4               | 5 | 3.7 ± 3.6   | 5 | 7.4 ± 2.9   | 5 | -0.8 ± 5.9   | 5 | 4.5 ± 1.4    | 5 |
|       | 28 - 119  | 183.1 ± 6.2             | 5 | 199.6 ± 9.4 | 5 | 199.2 ± 4.4 | 5 | 188.3 ± 6.2  | 5 | 185.6 ± 5.2  | 5 |

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Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

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Lab: Battelle

F1 Males: F1 Interim Animals

| Phase | Days      | Treatment Groups (mg/L) |    |             |    |              |    |              |    |               |    |
|-------|-----------|-------------------------|----|-------------|----|--------------|----|--------------|----|---------------|----|
|       |           | 0                       |    | 30          |    | 100          |    | 300          |    | 1000          |    |
|       |           | Wt Gain (g)             | N  | Wt Gain (g) | N  | Wt Gain (g)  | N  | Wt Gain (g)  | N  | Wt Gain (g)   | N  |
| PND   | 28 - 35   | 40.5 ± 0.9              | 10 | 39.0 ± 1.4  | 10 | 38.9 ± 1.1   | 10 | 42.9 ± 1.3   | 10 | 40.3 ± 1.3    | 10 |
|       | 35 - 42   | 50.0 ± 0.9 **           | 10 | 47.9 ± 1.5  | 10 | 46.9 ± 3.3   | 10 | 45.5 ± 1.9   | 10 | 42.7 ± 0.8 *  | 10 |
|       | 42 - 49   | 47.7 ± 1.1 **           | 10 | 47.2 ± 1.3  | 10 | 47.0 ± 1.2   | 10 | 45.4 ± 1.2   | 10 | 42.6 ± 0.8 ** | 10 |
|       | 49 - 56   | 50.2 ± 1.6              | 10 | 47.3 ± 1.6  | 10 | 47.8 ± 1.8   | 10 | 44.7 ± 2.1   | 10 | 46.8 ± 2.0    | 10 |
|       | 56 - 63   | 38.8 ± 1.3              | 10 | 37.8 ± 1.3  | 10 | 35.8 ± 2.0   | 10 | 26.4 ± 11.2  | 10 | 35.9 ± 1.3    | 10 |
|       | 63 - 70   | 27.5 ± 1.1              | 10 | 29.0 ± 1.7  | 10 | 26.9 ± 2.6   | 10 | 38.2 ± 11.0  | 10 | 27.7 ± 2.1    | 10 |
|       | 70 - 77   | 25.0 ± 1.8              | 10 | 21.5 ± 1.4  | 10 | 20.7 ± 1.3   | 10 | 20.9 ± 1.8   | 10 | 21.8 ± 0.8    | 10 |
|       | 77 - 84   | 19.9 ± 2.2              | 10 | 20.9 ± 1.8  | 10 | 23.4 ± 2.6   | 10 | 20.4 ± 2.5   | 10 | 17.2 ± 2.5    | 10 |
|       | 84 - 91   | 15.1 ± 3.5              | 10 | 16.9 ± 2.3  | 10 | 14.7 ± 3.2   | 10 | 19.7 ± 2.3   | 10 | 18.4 ± 2.3    | 10 |
|       | 91 - 98   | 22.2 ± 2.7 **           | 10 | 16.3 ± 2.3  | 10 | 12.8 ± 3.2 * | 10 | 5.9 ± 3.7 ** | 10 | 13.5 ± 1.1 ** | 10 |
|       | 98 - 105  | 11.3 ± 2.4              | 10 | 9.1 ± 2.4   | 10 | 10.3 ± 1.0   | 10 | 15.8 ± 3.9   | 10 | 15.2 ± 1.1    | 10 |
|       | 105 - 112 | 16.6 ± 2.4              | 10 | 11.3 ± 6.2  | 10 | 12.4 ± 2.5   | 10 | 9.6 ± 3.1    | 10 | 10.6 ± 3.3    | 10 |
|       | 112 - 119 | 8.1 ± 2.7               | 10 | 19.2 ± 5.5  | 10 | 11.3 ± 1.8   | 10 | 13.1 ± 4.1   | 10 | 13.5 ± 3.1    | 10 |
|       | 28 - 119  | 372.8 ± 7.3 *           | 10 | 363.4 ± 6.4 | 10 | 348.9 ± 6.7  | 10 | 348.6 ± 11.5 | 10 | 346.2 ± 7.3   | 10 |

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Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

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Lab: Battelle

F1 Females: F1 Interim Animals

| Phase | Days      | Treatment Groups (mg/L) |    |             |    |             |    |             |    |              |    |
|-------|-----------|-------------------------|----|-------------|----|-------------|----|-------------|----|--------------|----|
|       |           | 0                       |    | 30          |    | 100         |    | 300         |    | 1000         |    |
|       |           | Wt Gain (g)             | N  | Wt Gain (g) | N  | Wt Gain (g) | N  | Wt Gain (g) | N  | Wt Gain (g)  | N  |
| PND   | 28 - 35   | 31.8 ± 0.9              | 10 | 30.8 ± 0.6  | 10 | 31.1 ± 1.1  | 10 | 35.1 ± 1.7  | 10 | 32.1 ± 1.7   | 10 |
|       | 35 - 42   | 32.3 ± 1.3 *            | 10 | 28.9 ± 2.8  | 10 | 30.5 ± 0.8  | 10 | 26.8 ± 2.0  | 9  | 26.9 ± 1.3   | 10 |
|       | 42 - 49   | 21.5 ± 1.1              | 10 | 25.2 ± 1.0  | 10 | 23.9 ± 1.1  | 10 | 24.0 ± 1.5  | 9  | 27.2 ± 1.7 * | 10 |
|       | 49 - 56   | 20.7 ± 1.8              | 10 | 22.1 ± 1.7  | 10 | 20.7 ± 1.8  | 10 | 24.1 ± 2.2  | 10 | 15.7 ± 3.1   | 10 |
|       | 56 - 63   | 18.3 ± 1.4              | 10 | 17.6 ± 3.6  | 10 | 20.4 ± 1.6  | 10 | 15.4 ± 2.2  | 10 | 20.2 ± 3.6   | 10 |
|       | 63 - 70   | 15.5 ± 2.3              | 10 | 16.8 ± 4.3  | 10 | 13.4 ± 2.6  | 10 | 11.7 ± 1.7  | 10 | 11.3 ± 2.5   | 10 |
|       | 70 - 77   | 9.2 ± 3.3               | 10 | 12.9 ± 4.0  | 10 | 12.4 ± 2.4  | 10 | 16.7 ± 2.4  | 10 | 11.2 ± 2.1   | 10 |
|       | 77 - 84   | 9.6 ± 2.7               | 10 | 5.7 ± 2.5   | 10 | 11.2 ± 3.0  | 10 | 6.9 ± 1.8   | 10 | 5.1 ± 2.0    | 10 |
|       | 84 - 91   | 7.7 ± 2.9               | 10 | 7.6 ± 2.3   | 10 | 2.5 ± 4.1   | 10 | 5.6 ± 2.3   | 10 | 9.1 ± 1.6    | 10 |
|       | 91 - 98   | 6.0 ± 2.2               | 10 | 7.1 ± 2.2   | 9  | 9.6 ± 2.6   | 10 | 9.0 ± 1.7   | 10 | 9.0 ± 2.4    | 10 |
|       | 98 - 105  | 3.4 ± 2.0               | 10 | 5.8 ± 1.2   | 9  | 2.9 ± 1.3   | 10 | 4.3 ± 3.5   | 10 | -0.1 ± 1.7   | 10 |
|       | 105 - 112 | 6.0 ± 1.8               | 10 | 5.9 ± 1.9   | 10 | 11.7 ± 2.1  | 10 | 9.9 ± 6.1   | 10 | 8.8 ± 1.6    | 10 |
|       | 112 - 119 | 4.3 ± 1.4               | 10 | 4.1 ± 2.2   | 10 | 5.9 ± 1.7   | 10 | 3.2 ± 4.7   | 10 | 2.3 ± 2.1    | 10 |
|       | 28 - 119  | 186.3 ± 4.4             | 10 | 191.2 ± 5.6 | 10 | 196.3 ± 5.1 | 10 | 191.6 ± 3.9 | 10 | 178.8 ± 5.2  | 10 |



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**Test Compound:** Sulfolane

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**Lab:** Battelle

**F1 Males: F1 Core Animals**

| Phase | Days      | Treatment Groups (mg/L) |         |             |         |             |         |             |         |               |         |
|-------|-----------|-------------------------|---------|-------------|---------|-------------|---------|-------------|---------|---------------|---------|
|       |           | 0                       |         | 30          |         | 100         |         | 300         |         | 1000          |         |
|       |           | Wt Gain (g)             | N       | Wt Gain (g) | N       | Wt Gain (g) | N       | Wt Gain (g) | N       | Wt Gain (g)   | N       |
| PND   | 28 - 35   | 39.1 ± 0.6              | 50 (27) | 37.5 ± 1.0  | 50 (25) | 38.0 ± 0.7  | 50 (26) | 37.5 ± 1.1  | 50 (25) | 36.4 ± 0.8    | 50 (26) |
|       | 35 - 42   | 48.0 ± 0.6 *            | 50 (27) | 46.2 ± 1.3  | 50 (25) | 46.4 ± 0.6  | 50 (26) | 48.6 ± 0.9  | 50 (25) | 44.6 ± 0.8 *  | 50 (26) |
|       | 42 - 49   | 48.1 ± 1.2 **           | 50 (27) | 46.3 ± 1.2  | 50 (25) | 47.6 ± 0.7  | 50 (26) | 47.8 ± 0.7  | 50 (25) | 44.2 ± 0.8 ** | 50 (26) |
|       | 49 - 56   | 46.6 ± 1.0              | 50 (27) | 47.5 ± 0.9  | 50 (25) | 46.9 ± 0.9  | 50 (26) | 47.0 ± 0.7  | 50 (25) | 46.9 ± 0.6    | 50 (26) |
|       | 56 - 63   | 37.0 ± 0.9              | 50 (27) | 36.1 ± 0.5  | 50 (25) | 35.2 ± 0.9  | 50 (26) | 34.9 ± 0.8  | 50 (25) | 36.2 ± 0.7    | 50 (26) |
|       | 63 - 70   | 29.0 ± 0.9 **           | 50 (27) | 27.2 ± 0.9  | 50 (25) | 29.8 ± 0.9  | 50 (26) | 29.5 ± 1.0  | 50 (25) | 31.1 ± 0.9    | 50 (26) |
|       | 70 - 77   | 24.2 ± 1.1              | 50 (27) | 24.3 ± 1.2  | 50 (25) | 22.4 ± 1.0  | 50 (26) | 23.8 ± 1.3  | 50 (25) | 23.4 ± 0.9    | 50 (26) |
|       | 77 - 84   | 19.9 ± 0.9              | 50 (27) | 19.9 ± 0.8  | 50 (25) | 19.9 ± 1.1  | 50 (26) | 19.7 ± 0.8  | 50 (25) | 21.1 ± 0.8    | 50 (26) |
|       | 84 - 91   | 15.6 ± 1.2              | 50 (27) | 14.0 ± 2.4  | 50 (25) | 14.0 ± 1.2  | 50 (26) | 16.6 ± 0.8  | 50 (25) | 15.5 ± 1.1    | 50 (26) |
|       | 91 - 98   | 14.6 ± 1.0              | 50 (27) | 16.7 ± 1.9  | 50 (25) | 13.7 ± 1.1  | 50 (26) | 12.5 ± 0.8  | 50 (25) | 13.2 ± 1.0    | 50 (26) |
|       | 98 - 105  | 13.5 ± 0.7              | 50 (27) | 11.1 ± 0.8  | 50 (25) | 12.1 ± 1.1  | 50 (26) | 14.8 ± 0.7  | 50 (25) | 11.5 ± 1.2    | 50 (26) |
|       | 105 - 112 | 12.6 ± 1.0              | 50 (27) | 13.5 ± 0.6  | 50 (25) | 12.0 ± 0.9  | 50 (26) | 11.1 ± 0.7  | 50 (25) | 13.0 ± 1.2    | 50 (26) |
|       | 112 - 119 | 12.6 ± 1.0              | 50 (27) | 11.3 ± 1.4  | 50 (25) | 9.3 ± 0.6 * | 50 (26) | 11.7 ± 0.8  | 50 (25) | 9.7 ± 0.6     | 50 (26) |
|       | 28 - 119  | 360.7 ± 3.9             | 50 (27) | 351.5 ± 4.1 | 50 (25) | 347.4 ± 4.0 | 50 (26) | 355.3 ± 4.5 | 50 (25) | 346.8 ± 3.9   | 50 (26) |

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

Date Report Requested: 03/20/2023

Time Report Requested: 12:54:37

Lab: Battelle

F1 Females: F1 Core Animals

| Phase | Days      | Treatment Groups (mg/L) |         |               |         |               |         |               |         |               |         |
|-------|-----------|-------------------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|
|       |           | 0                       |         | 30            |         | 100           |         | 300           |         | 1000          |         |
|       |           | Wt Gain (g)             | N       | Wt Gain (g)   | N       | Wt Gain (g)   | N       | Wt Gain (g)   | N       | Wt Gain (g)   | N       |
| PND   | 28 - 35   | 29.8 ± 0.7 *            | 50 (27) | 28.7 ± 0.6    | 50 (25) | 27.4 ± 0.9 *  | 50 (26) | 26.9 ± 0.6 ** | 50 (26) | 27.2 ± 0.6 *  | 50 (26) |
|       | 35 - 42   | 29.8 ± 0.5              | 50 (27) | 31.2 ± 1.0    | 50 (25) | 30.7 ± 1.2    | 50 (26) | 29.8 ± 0.7    | 50 (26) | 29.0 ± 0.8    | 50 (26) |
|       | 42 - 49   | 24.7 ± 0.7              | 50 (27) | 25.8 ± 0.8    | 50 (25) | 27.3 ± 1.1    | 50 (26) | 25.2 ± 0.6    | 50 (26) | 26.5 ± 1.0    | 50 (26) |
|       | 49 - 56   | 12.5 ± 2.8              | 50 (27) | 22.5 ± 1.0 ** | 50 (25) | 22.9 ± 0.9 ** | 50 (26) | 20.7 ± 0.8 ** | 50 (26) | 20.9 ± 0.7 ** | 50 (26) |
|       | 56 - 63   | 25.6 ± 2.6 *            | 50 (27) | 19.2 ± 1.1 *  | 50 (25) | 17.5 ± 0.8 ** | 50 (26) | 18.5 ± 1.3 ** | 50 (26) | 17.6 ± 0.6 ** | 50 (26) |
|       | 63 - 70   | 15.2 ± 1.3              | 50 (27) | 12.2 ± 1.0    | 50 (25) | 14.8 ± 1.2    | 50 (26) | 13.8 ± 0.8    | 50 (26) | 12.8 ± 1.2    | 50 (26) |
|       | 70 - 77   | 13.0 ± 1.6              | 50 (27) | 12.6 ± 1.3    | 50 (25) | 13.4 ± 1.1    | 50 (26) | 11.2 ± 0.8    | 50 (26) | 10.4 ± 1.1    | 50 (26) |
|       | 77 - 84   | 7.2 ± 1.2               | 50 (27) | 10.0 ± 1.4    | 50 (25) | 9.3 ± 1.2     | 50 (26) | 11.0 ± 1.2    | 50 (26) | 6.5 ± 2.4     | 50 (26) |
|       | 84 - 91   | 9.9 ± 1.5               | 50 (27) | 8.5 ± 1.4     | 50 (25) | 6.3 ± 1.2     | 50 (26) | 7.7 ± 1.1     | 50 (26) | 8.9 ± 2.4     | 50 (26) |
|       | 91 - 98   | 5.3 ± 1.6               | 50 (27) | 3.6 ± 1.0     | 50 (25) | 6.6 ± 1.3     | 50 (26) | 6.2 ± 0.8     | 50 (26) | 7.2 ± 1.0     | 50 (26) |
|       | 98 - 105  | 6.1 ± 1.4               | 50 (27) | 4.4 ± 1.3     | 50 (25) | 5.4 ± 1.2     | 50 (26) | 4.7 ± 1.3     | 50 (26) | 3.8 ± 1.0     | 50 (26) |
|       | 105 - 112 | 4.5 ± 1.4               | 50 (27) | 7.7 ± 1.2     | 50 (25) | 3.9 ± 1.1     | 50 (26) | 6.2 ± 1.3     | 50 (26) | 4.7 ± 0.9     | 50 (26) |
|       | 112 - 119 | 6.8 ± 1.7               | 50 (27) | 2.9 ± 2.0     | 50 (25) | 5.9 ± 0.9     | 50 (26) | 7.8 ± 1.0     | 50 (26) | 5.9 ± 0.7     | 50 (26) |
|       | 28 - 119  | 190.5 ± 2.3 **          | 50 (27) | 189.2 ± 2.8   | 50 (25) | 191.5 ± 3.1   | 50 (26) | 189.7 ± 2.8   | 50 (26) | 181.3 ± 2.0   | 50 (26) |

**Study Number:** C11054B-01

**Test Type:** TOX

**Route:** Dosing in Water

**Species/Strain:** Rat/Harlan Sprague Dawley

**I04G: Mean Body Weight Gain (Interim and Chronic Animals)**

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**Lab:** Battelle

#### LEGEND

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Data are displayed as mean  $\pm$  SEM

GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

For the F0, F1 Interim, and F1 Biosample Animals selections, statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests. For the F1 Core and F1 Immunotox selections, litter based statistical analysis performed using mixed models, with litter as random effect, for both trend and pairwise tests, and using Dunnett-Hsu adjustments for multiple comparisons.

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  $P \leq 0.01$

One F0 LD 17 body weight from each of the 30 and 100 mg/L group, and one F1 PND 42 body weight from the 300 mg/L group for both the F1 Biosample Animals, and F1 Interim Animals selections were excluded as outliers, along with the weight gain intervals bounded by these excluded weight values.

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