

**Distribution of Radioactivity 48 Hours Following Dermal Administration of [<sup>14</sup>C]Sulfolane  
(100 mg/kg) to Male Harlan Sprague Dawley Rats With Breath Traps – Group 17**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	17_01	17_02	17_03	Mean	SD
Urine	8 to 24	4.3	6.4	5.2	5.3	1.1
Urine	24 to 48 <sup>a</sup>	5.8	10.0	9.7	8.5	2.4
-	<b>Subtotal</b>	<b>10.0</b>	<b>16.4</b>	<b>14.9</b>	<b>13.8</b>	<b>3.3</b>
Cage Rinse	0 to 48	5.1	5.9	3.4	4.8	1.3
<b>Urine + Cage Rinse</b>	<b>Subtotal</b>	<b>15.1</b>	<b>22.3</b>	<b>18.3</b>	<b>18.6</b>	<b>3.6</b>
Feces	0 to 24	0.17	0.18	0.26	0.2	0.0
Feces	24 to 48	0.80	0.40	0.30	0.5	0.3
-	<b>Subtotal</b>	<b>0.97</b>	<b>0.58</b>	<b>0.55</b>	<b>0.7</b>	<b>0.2</b>
CO <sub>2</sub>	0 to 8	0.01	0.01	0.01	0.0	0.0
CO <sub>2</sub>	8 to 24	0.06	0.12	0.07	0.1	0.0
CO <sub>2</sub>	24 to 48	0.10	0.15	0.11	0.1	0.0
-	<b>Subtotal</b>	<b>0.16</b>	<b>0.29</b>	<b>0.17</b>	<b>0.2</b>	<b>0.1</b>
Exhaled VOC	0 to 8	0.08	0.13	0.10	0.1	0.0
Exhaled VOC	8 to 24	0.17	0.44	0.30	0.3	0.1
Exhaled VOC	24 to 48	0.31	0.61	0.32	0.4	0.2
-	<b>Subtotal</b>	<b>0.56</b>	<b>1.17</b>	<b>0.71</b>	<b>0.8</b>	<b>0.3</b>
<b>Total</b>	-	<b>16.8</b>	<b>24.4</b>	<b>19.7</b>	<b>20.3</b>	<b>3.8</b>

Disposition Summary – Percent of Dose Recovered

Sample	17_01	17_02	17_03	Mean	SD
Absorbed	-	-	-	-	-
Urine <sup>b</sup>	15.1	22.3	18.3	18.6	3.6
Feces	1.0	0.6	0.6	0.7	0.2
CO <sub>2</sub>	0.2	0.3	0.2	0.2	0.1
Exhaled VOC	0.6	1.2	0.7	0.8	0.3
Carcass Digest	3.9	4.4	4.1	4.1	0.3
<b>Subtotal</b>	<b>20.7</b>	<b>28.8</b>	<b>23.8</b>	<b>24.4</b>	<b>4.1</b>
Unabsorbed	-	-	-	-	-
Appliance	57.1	49.4	45.1	50.5	6.0
Dose site skin rinse	NA	NA	NA	NA	NA
<b>Subtotal</b>	<b>57.1</b>	<b>49.4</b>	<b>45.1</b>	<b>50.5</b>	<b>6.1</b>
Dose site	27.2	17.6	17.2	20.6	5.7
<b>Total</b>	<b>105.0</b>	<b>95.8</b>	<b>86.1</b>	<b>95.6</b>	<b>9.4</b>

<sup>a</sup> Includes urine present in bladder at time of sacrifice. \$

<sup>b</sup> Includes cage rinse. \$

NA = not applicable \$