

**Distribution of Radioactivity 48 Hours Following Gavage Administration of
50 mg/kg [¹⁴C]EGEHE to Female B6C3F1/N Mice – Group 7**

Disposition Summary [Dose Recovered (%)]

| Sample | 7001 | 7002 | 7003 | 7004 | Mean | SD |
|-------------------|-------------|--------------|-------------|-------------|-------------|-------------|
| Urine/Cage Rinse | 64.32 | 40.52 | 32.74 | 52.95 | 47.6 | 13.9 |
| Feces | 7.72 | 17.06 | 31.08 | 12.98 | 17.2 | 10.0 |
| CO ₂ | 6.44 | 5.20 | 5.15 | 6.42 | 5.80 | 0.72 |
| Exhaled VOC | 14.16 | 37.88 | 12.54 | 15.61 | 20.1 | 12.0 |
| GI Tract Contents | 0.16 | 0.11 | 0.34 | 0.29 | 0.23 | 0.10 |
| Tissues | 3.28 | 2.81 | 4.59 | 4.58 | 3.81 | 0.91 |
| Total | 96.1 | 103.6 | 86.4 | 92.8 | 94.7 | 7.10 |

Dose Recovered in Excreta (%)

| Sample | Collection Interval (h) | 7001 | 7002 | 7003 | 7004 | Mean ^a | SD |
|--------------------------------|-------------------------|--------------|---------------|--------------|--------------|-------------------|--------------|
| Urine | 4 to 8 | <0.01 | 7.28 | <0.01 | 1.78 | 3.02 | 3.79 |
| Urine | 12 to 24 | 39.01 | 0.30 | 0.33 | 0.30 | 9.99 | 19.35 |
| Urine ^b | 24 to 48 | 0.40 | 0.37 | 0.24 | 0.52 | 0.38 | 0.12 |
| Urine Subtotal | – | 39.4 | 7.95 | 0.57 | 2.6 | 12.6 | 18.1 |
| Cage Rinse | 4 to 8 | 0.07 | 20.53 | 24.96 | 39.60 | 21.29 | 16.33 |
| Cage Rinse | 12 to 24 | 21.64 | 9.72 | 2.94 | 5.81 | 10.03 | 8.22 |
| Cage Rinse | 24 to 48 | 3.20 | 2.31 | 4.26 | 4.93 | 3.68 | 1.15 |
| Cage Rinse Subtotal | – | 64.32 | 40.52 | 32.74 | 52.95 | 48.39 | 7.57 |
| Feces | 0 to 24 | 5.86 | 16.27 | 24.76 | 11.68 | 14.64 | 7.98 |
| Feces | 24 to 48 | 1.86 | 0.78 | 6.32 | 1.30 | 2.57 | 2.54 |
| Feces Subtotal | – | 7.72 | 17.06 | 31.08 | 12.98 | 17.21 | 8.54 |
| CO ₂ | 0 to 4 | 3.35 | 2.87 | 1.66 | 2.73 | 2.65 | 0.71 |
| CO ₂ | 4 to 8 | 1.33 | 1.49 | 1.38 | 2.46 | 1.66 | 0.53 |
| CO ₂ | 8 to 12 | 0.66 | 0.42 | 0.76 | 0.45 | 0.57 | 0.17 |
| CO ₂ | 12 to 24 | 0.93 | 0.19 | 0.97 | 0.55 | 0.66 | 0.37 |
| CO ₂ | 24 to 48 | 0.16 | 0.23 | 0.38 | 0.23 | 0.25 | 0.09 |
| CO₂ Subtotal | – | 6.44 | 5.20 | 5.15 | 6.42 | 5.80 | 0.99 |
| Exhaled VOC | 0 to 4 | 2.03 | 1.94 | 1.90 | 2.19 | 2.01 | 0.13 |
| Exhaled VOC | 4 to 8 | 1.47 | 3.36 | 1.25 | 1.39 | 1.87 | 1.00 |
| Exhaled VOC | 8 to 12 | 1.49 | 6.42 | 1.20 | 1.66 | 2.69 | 2.49 |
| Exhaled VOC | 12 to 24 | 3.45 | 10.04 | 3.10 | 4.03 | 5.16 | 3.28 |
| Exhaled VOC | 24 to 48 | 5.71 | 16.12 | 5.10 | 6.34 | 8.32 | 5.23 |
| Exhaled VOC Subtotal | – | 14.16 | 37.88 | 12.54 | 15.61 | 20.05 | 2.75 |
| Dose Recovered | – | 92.64 | 100.66 | 81.51 | 87.95 | 91.44 | 18.10 |

**Distribution of Radioactivity 48 Hours Following Gavage Administration of
50 mg/kg [¹⁴C]EGEHE to Female B6C3F1/N Mice – Group 7 (continued)**

Distribution in Tissues (48 Hours)

| Tissue ^c | ng-eq/g Mean | ng-eq/g SD | TBR Mean ^d | TBR SD | Percent Recovery Mean | Percent Recovery SD |
|---------------------|-----------------|---------------|--------------------------|-----------|-----------------------------|---------------------------|
| Blood | 9.87 | 2.20 | – | – | 0.16 | 0.04 |
| Adipose | 10.97 | 4.99 | 1.22 | 0.72 | 0.26 | 0.13 |
| Muscle | 8.27 | 2.63 | 0.85 | 0.26 | 1.08 | 0.37 |
| Skin | 12.28 | 5.06 | 1.26 | 0.57 | 0.70 | 0.31 |
| Brain | 5.36 | 2.39 | 0.57 | 0.32 | 0.03 | 0.01 |
| Heart | 41.36 | 51.92 | 4.73 | 6.50 | 0.04 | 0.04 |
| Kidneys | 28.15 | 10.41 | 2.81 | 0.52 | 0.08 | 0.02 |
| Liver | 63.48 | 13.70 | 6.53 | 1.31 | 0.86 | 0.11 |
| Lung | 22.46 | 6.80 | 2.28 | 0.51 | 0.03 | <0.01 |
| Spleen | 23.93 | 12.49 | 2.34 | 0.87 | 0.01 | <0.01 |
| Thyroid | 28.25 | 8.56 | 2.94 | 0.97 | <0.01 | <0.01 |
| Urinary Bladder | 31.69 | 14.07 | 3.14 | 0.83 | <0.01 | <0.01 |
| Pancreas | 23.87 | 4.26 | 2.44 | 0.12 | 0.03 | 0.01 |
| Testes/Ovaries | 36.94 | 27.90 | 3.51 | 1.90 | 0.02 | 0.02 |
| Large Intestine | 30.07 | 12.00 | 3.20 | 1.59 | 0.09 | 0.02 |
| Small Intestine | 30.07 | 12.00 | 3.20 | 1.59 | 0.09 | 0.02 |

^aAll values expressed as mean ± standard deviation (SD) (N = 4). h = hours. \$

^bFinal urine collection includes urine present in the urinary bladder at study termination. \$

^cTissue weights for the dispersed tissues were calculated using the following percentages of body weight: \$ adipose 7.0%, blood 7.4%, muscle 40.4%, and skin 19% (International Life Sciences Institute, 1994).

^dTBR = Tissue to blood ratio.