

**Distribution of Radioactivity 48 Hours Following Gavage Administration of 50 mg/kg
[¹⁴C] EGEHE to Male Harlan Sprague Dawley Rats – Group 1**

Disposition Summary [Dose Recovered (%)]

Sample	1001	1002	1003	1004	Mean ^a	SD
Urine/Cage Rinse	66.4	59.73	67.83	79.93	68.47	8.41
Feces	18.67	27.48	13.03	7.57	16.69	8.5
CO ₂	2.39	2.28	2.75	3.43	2.71	0.52
Exhaled VOC	0.56	1.19	0.13	0.05	0.48	0.52
GI Tract Contents	0.53	0.4	0.31	0.32	0.39	0.1
Tissues	5.06	4.64	4.23	4.43	4.64	1.05
Total	93.6	95.7	88.3	95.7	93.3	3.5

Dose Recovered in Excreta (%)

Sample	Collection Interval (h)	1001	1002	1003	1004	Mean	SD
Urine	0 to 8	16.83	11.99	22.79	18.92	17.63	4.50
Urine	8 to 24	30.91	24.93	32.31	42.77	32.73	7.42
Urine ^b	24 to 48	9.18	7.76	5.17	5.74	6.96	1.85
Urine Subtotal	–	56.9	44.7	60.3	67.4	57.3	9.5
Cage Rinse	0 to 8	5.49	10.50	5.03	5.06	6.52	2.66
Cage Rinse	8 to 24	2.76	3.89	2.05	3.78	3.12	0.88
Cage Rinse	24 to 48	1.23	0.67	0.47	3.66	1.51	1.47
Cage Rinse Subtotal	–	9.48	15.1	7.55	12.5	11.2	3.3
Feces	0 to 24	16.35	20.29	11.61	5.79	13.51	6.25
Feces	24 to 48	2.32	7.19	1.42	1.78	3.18	2.70
Feces Subtotal	–	18.67	27.48	13.03	7.57	16.69	7.31
CO ₂	0 to 4	0.71	0.64	0.71	0.59	0.66	0.06
CO ₂	4 to 8	0.34	0.48	0.55	0.66	0.51	0.13
CO ₂	8 to 12	0.44	0.28	0.49	0.78	0.50	0.21
CO ₂	12 to 24	0.53	0.39	0.62	0.95	0.62	0.24
CO ₂	24 to 48	0.38	0.49	0.38	0.46	0.43	0.06
CO₂ Subtotal	–	2.39	2.28	2.75	3.43	2.71	0.10
Exhaled VOC	0 to 4	0.01	0.03	0.00	0.00	0.01	0.02
Exhaled VOC	4 to 8	0.01	0.07	0.01	0.01	0.03	0.03
Exhaled VOC	8 to 12	0.03	0.11	0.01	0.01	0.04	0.05
Exhaled VOC	12 to 24	0.18	0.31	0.04	0.01	0.13	0.14
Exhaled VOC	24 to 48	0.33	0.66	0.07	0.02	0.27	0.29
Exhaled VOC Subtotal	–	0.56	1.19	0.13	0.05	0.48	0.11
Total Recovered Dose	–	88.03	90.69	83.73	90.98	88.36	–

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[¹⁴C] EGEHE to Male Harlan Sprague Dawley Rats – Group 1 (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	5002	1666	---	---	0.72	0.25
Plasma	2451	387	0.54	0.23	0.14	0.02
Adipose	1701	663	0.34	0.11	0.23	0.09
Muscle	1627	137	0.36	0.13	1.27	0.10
Skin	1559	431	0.35	0.19	0.57	0.14
Brain	1308	403	0.28	0.12	0.01	<0.01
Heart	3451	678	0.77	0.34	0.02	<0.01
Kidneys	4752	915	1.05	0.48	0.06	0.01
Liver	15002	3317	3.23	1.04	1.14	0.28
Lung	4030	1706	0.93	0.63	0.04	0.01
Spleen	6005	2773	1.21	0.35	0.02	0.01
Thyroids	5317	2748	1.28	0.96	<0.01	<0.01
Urinary Bladder	5909	2998	1.39	1.04	<0.01	<0.01
Pancreas	4131	525	0.89	0.28	0.02	0.00
Testes	1796	586	0.40	0.19	0.05	0.02
Large Intestine	5076	1115	1.10	0.46	0.13	0.02
Small Intestine	5076	1115	1.10	0.46	0.13	0.02
Stomach	4094	1076	0.93	0.50	0.03	0.01
Total	-	-	-	-	4.64	1.05

^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.