

**Distribution of Radioactivity 48 Hours Following Gavage Administration of 50 mg/kg
[¹⁴C]EGEHE in Female Harlan Sprague Dawley Rats – Group 5**

Disposition Summary [Dose Recovered (%)]

Sample	H001	H002	H003	H004	Mean ^a	SD
Urine/Cage Rinse	58.30	70.67	71.55	71.10	67.91	6.42
Feces	21.41	6.07	9.63	7.08	11.05	7.07
CO ₂	3.44	3.04	3.08	3.06	3.15	0.19
Exhaled VOC	0.95	2.41	0.15	0.18	0.92	1.06
GI Tract Contents	0.13	0.21	0.15	0.18	0.16	0.04
Tissues	2.19	1.88	2.70	2.44	2.30	0.35
Total	86.4	84.3	87.3	84.0	85.5	1.6

Dose Recovered in Excreta (%)

Sample	Collection Interval (h)	H001	H002	H003	H004	Mean	SD
Urine	4 to 8	12.78	18.58	19.71	1.26	13.08	8.45
Urine	12 to 24	37.94	20.52	22.48	41.08	30.51	10.51
Urine ^b	24 to 48	1.27	1.61	0.94	2.88	1.67	0.85
Urine Subtotal	–	52.0	40.7	43.1	45.2	45.3	4.85
Cage Rinse	4 to 8	2.33	26.54	25.17	22.75	19.20	11.35
Cage Rinse	12 to 24	3.34	3.11	3.00	2.71	3.04	0.26
Cage Rinse	24 to 48	0.64	0.30	0.25	0.43	0.41	0.17
Cage Rinse Subtotal	–	6.31	30.0	28.4	25.9	22.7	11.0
Feces	0 to 24	19.51	3.84	7.08	3.92	8.59	7.44
Feces	24 to 48	1.90	2.23	2.56	3.15	2.46	0.54
Feces Subtotal	–	21.41	6.07	9.63	7.08	11.05	7.07
CO ₂	0 to 4	0.62	0.89	0.75	0.62	0.72	0.13
CO ₂	4 to 8	0.94	0.86	0.91	0.56	0.82	0.17
CO ₂	8 to 12	0.56	0.53	0.60	0.51	0.55	0.04
CO ₂	12 to 24	1.05	0.53	0.60	1.12	0.83	0.30
CO ₂	24 to 48	0.26	0.23	0.21	0.25	0.24	0.02
CO₂ Subtotal	–	3.44	3.04	3.08	3.06	3.15	0.19
Exhaled VOC	0 to 4	0.22	0.17	0.02	0.01	0.10	0.10
Exhaled VOC	4 to 8	0.25	0.28	0.01	0.02	0.14	0.14
Exhaled VOC	8 to 12	0.06	0.35	0.01	0.01	0.11	0.16
Exhaled VOC	12 to 24	0.16	0.62	0.06	0.03	0.22	0.27
Exhaled VOC	24 to 48	0.27	0.99	0.05	0.10	0.35	0.43
Exhaled VOC Subtotal	–	0.95	2.41	0.15	0.18	0.92	1.06
Large Intestine Contents	48	0.06	0.09	0.08	0.13	0.09	0.03
Small Intestine Contents	48	0.04	0.07	0.05	0.04	0.05	0.01
Stomach Contents	48	0.03	0.04	0.01	0.01	0.02	0.01
GI Tract Contents Subtotal	–	0.13	0.21	0.15	0.18	–	–
Total Recovered Dose	–	84.11	82.19	84.42	81.41	83.03	1.46

**Distribution of Radioactivity 48 Hours Following Gavage Administration of
50 mg/kg [¹⁴C]EGEHE in Female Harlan Sprague Dawley Rats – Group 5 (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	10.80	3.68	–	–	0.30	0.10
Adipose	4.78	0.84	0.51	0.26	0.12	0.03
Muscle	3.75	0.57	0.40	0.21	0.56	0.09
Skin	6.25	2.66	0.72	0.62	0.44	0.17
Brain	3.13	0.85	0.33	0.21	0.01	0.00
Heart	10.42	2.32	1.13	0.70	0.01	0.00
Kidneys	19.18	5.14	2.07	1.32	0.04	0.01
Liver	40.10	14.87	4.50	3.63	0.51	0.18
Lung	14.49	1.86	1.50	0.65	0.03	0.00
Spleen	18.79	6.72	2.13	1.65	0.01	0.00
Thyroid	25.23	6.58	2.69	1.50	0.00	0.00
Urinary Bladder	14.05	4.56	1.41	0.58	0.00	0.00
Pancreas	19.03	4.87	2.08	1.37	0.01	0.00
Ovaries	29.99	19.71	3.52	3.76	0.01	0.00
Large Intestine	17.37	1.71	1.74	0.54	0.08	0.02
Small Intestine	22.17	5.16	2.36	1.43	0.14	0.02
Stomach	15.35	2.43	1.60	0.83	0.03	0.00
Total	–	–	–	–	2.46	0.69

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

^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