

**Recovery of Radioactivity 48 Hours Following Dermal Administration of 55 mg/kg
[¹⁴C]Iso E Super to Male Fischer 344 Rats with Uncovered Dose Sites Group UN-48**

Distribution in Tissues (48 h)

Sample	ng-eq IES per g Tissue (Mean)	ng-eq IES per g Tissue (SD)	Tissue Blood Ratio (Mean)	Tissue Blood Ratio (SD)	% Dose in Total Tissue (Mean)	% Dose in Total Tissue (SD)
Blood	739	70	Unity	-	0.094	0.006
Adipose	1660	307	2.24	0.30	0.199	0.035
Muscle	555	438	0.75	0.58	0.383	0.300
Bladder	3990	1738	5.32	1.88	0.003	0.001
Skin (ears)	4270	477	5.84	0.98	0.013	0.002
Spleen	777	363	1.03	0.39	0.004	0.001
Liver	4909	1111	6.58	1.06	0.293	0.047
Kidney	3136	740	4.22	0.76	0.038	0.008
Brain	149	17	0.20	0.04	0.002	0.000
Heart	665	115	0.90	0.15	0.004	0.002
Lung	959	160	1.30	0.22	0.006	0.002
Testes	303	29	0.41	0.02	0.006	0.000
Thymus	535	70	0.73	0.11	0.001	0.000
Pancreas	1863	1054	2.45	1.20	0.008	0.004
Total in Tissues	-	-	-	-	1.05	0.31
Stomach + Contents	252	97	-	-	0.21	0.07
Small Int + Contents	6457	1443	-	-	5.43	0.84
Cecum + Contents	5511	1891	-	-	4.65	1.45
Large Int + Contents	1909	965	-	-	1.58	0.67
Total in GI Tract^a	-	-	-	-	11.9	2.2
Dose Skin Site	2845	801	3.89	1.27	2.52	0.79

Percent of Dose Recovered in Excreta

Excreta	5-17	5-18	5-19	5-20	Mean	SD
Urine ^b	12.0	8.0	11.6	10.6	10.6	1.8
Feces	7.7	5.4	8.8	7.8	7.4	1.4
Total Excreted	19.8	13.4	20.5	18.4	18.0	3.2

Disposition Summary – Percent of Dose Recovered

Absorbed	5-17	5-18	5-19	5-20	Mean	SD
Urine	12.0	8.0	11.6	10.6	10.6	1.8
Feces	7.7	5.4	8.8	7.8	7.4	1.4
Tissues	0.9	0.8	1.0	1.5	1.1	0.3
GI Tract	11.5	9.0	14.3	12.7	11.9	2.2
Carcass Digest	3.9	3.3	4.7	3.9	3.9	0.6
Total Absorbed	36.0	26.5	40.5	36.4	34.9	6.0
Dose Site Skin	2.4	3.5	2.6	1.6	2.52	0.79
Unabsorbed	-	-	-	-	-	-
Appliance and washes	1.6	2.6	1.2	1.2	1.6	0.7
Total % Applied Dose Recovered	39.94	32.54	44.30	39.21	39.0	4.9

n = 4. SD = standard deviation.

^a Includes contents.

^b Includes urine present in the bladder at time of sacrifice and cage rinse.