

**Recovery of Radioactivity 96 Hours Following Dermal Administration of 55 mg/kg
[¹⁴C]Iso E Super to Male Fischer 344 Rats with Uncovered Dose Sites Group UN-96**

Distribution in Tissues (96 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	424	58	Unity	-	0.051	0.007
Adipose	784	408	1.85	0.86	0.090	0.051
Muscle	360	175	0.85	0.39	0.239	0.127
Bladder	1515	880	3.44	1.75	0.001	0.001
Skin (ears)	1729	155	4.18	1.05	0.005	0.000
Spleen	384	28	0.93	0.22	0.002	0.000
Liver	2730	97	6.55	1.16	0.158	0.005
Kidney	1385	129	3.32	0.65	0.016	0.002
Brain	89	6	0.21	0.03	0.001	0.000
Heart	345	47	0.83	0.18	0.002	0.000
Lung	460	59	1.10	0.18	0.003	0.000
Testes	129	14	0.31	0.05	0.002	0.000
Thymus	342	107	0.81	0.25	0.000	0.000
Pancreas	833	158	1.99	0.43	0.003	0.001
Total in Tissues	-	-	-	-	0.57	0.19
Stomach + Contents	77	45	-	-	0.05	0.03
Small Int + Contents	3529	386	-	-	2.42	0.33
Cecum + Contents	2359	306	-	-	1.65	0.16
Large Int + Contents	724	95	-	-	0.51	0.07
Total in GI Tract^a	-	-	-	-	4.6	0.2
Dose Skin Site	1042	506	2.63	1.76	0.72	0.31

Percent of Dose Recovered in Excreta

Sample	6-21	6-22	6-23	6-24	Mean ^a	SD ^a
Urine ^b	12.8	12.8	14.0	15.4	13.7	1.2
Feces	12.8	11.7	15.4	9.2	12.3	2.6
Total Excreted	25.6	24.4	29.4	24.6	26.0	2.3

Disposition Summary – Percent of Dose Recovered

Absorbed	6-21	6-22	6-23	6-24	Mean ^a	SD ^a
Urine	12.8	12.8	14.0	15.4	13.7	1.2
Feces	12.8	11.7	15.4	9.2	12.3	2.6
Tissues	0.4	0.5	0.5	0.8	0.6	0.2
GI Tract	4.3	4.7	4.9	4.7	4.6	0.2
Carcass Digest	1.5	1.4	1.4	1.9	1.5	0.2
Total Absorbed	31.8	31.0	36.2	32.1	32.8	2.4
Dose Site Skin	0.7	0.5	1.2	0.6	0.72	0.31
Unabsorbed	-	-	-	-	-	-
Appliance and washes	0.6	0.2	0.7	0.5	0.5	0.2
Total % Applied Dose Recovered	33.02	31.68	38.13	33.15	34.0	2.8

n = 4. SD = standard deviation.

^a Includes contents.

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