

**Recovery of Radioactivity 96 Hours Following Dermal Administration of 550 mg/kg
[¹⁴C]Iso E Super to Male Fischer 344 Rats with Covered Dose Sites Group C-96-550**

Distribution in Tissues (96 h)

Sample	ng-eq IES per g Tissue ^a (Mean)	ng-eq IES per g Tissue ^a (SD)	Tissue Blood Ratio ^a (Mean)	Tissue Blood Ratio ^a (SD)	% Dose in Total Tissue ^a (Mean)	% Dose in Total Tissue ^a (SD)
Blood	2349	1618	Unity	-	0.028	0.020
Adipose	19875	8054	11.98	7.80	0.228	0.094
Muscle	2883	1806	1.75	1.28	0.191	0.121
Bladder	10225	3396	5.64	3.09	0.001	0.000
Skin (ears)	27947	9663	16.74	10.62	0.011	0.004
Spleen	3451	1921	2.00	1.39	0.002	0.001
Liver	15296	2055	9.06	5.76	0.091	0.015
Kidney	18418	1999	10.86	6.96	0.024	0.004
Brain	1242	316	0.74	0.46	0.002	0.000
Heart	3049	902	1.77	1.05	0.002	0.001
Lung	4896	1561	2.84	1.69	0.003	0.001
Testes	1592	492	0.91	0.52	0.003	0.001
Thymus	4963	1043	2.91	1.74	0.001	0.000
Pancreas	17389	12555	10.40	8.19	0.013	0.010
Total in Tissues	-	-	-	-	0.60	0.24
Stomach + Contents	257	160	-	-	0.02	0.01
Small Int + Contents	15798	4074	-	-	1.10	0.29
Cecum + Contents	15111	8238	-	-	1.02	0.48
Large Int + Contents	5533	1898	-	-	0.40	0.14
Total in GI Tract^a	-	-	-	-	2.5	0.8
Dose Skin Site	146170	33842	89.99	67.47	11.11	2.80

Percent of Dose Recovered in Excreta

Sample	3-10	3-11	3-12	Mean	SD
Urine ^b	7.8	7.1	9.4	8.1	1.2
Feces	5.5	5.3	5.0	5.3	0.3
Total Excreted	13.3	12.4	14.4	13.4	1.0

Disposition Summary – Percent of Dose Recovered

Absorbed	3-10	3-11	3-12	Mean	SD
Urine	7.8	7.1	9.4	8.1	1.2
Feces	5.5	5.3	5.0	5.3	0.3
Tissues	0.5	0.4	0.9	0.6	0.2
GI Tract (with contents)	1.9	2.2	3.5	2.5	0.8
Carcass Digest	1.6	3.8	3.2	2.9	1.2
Total Absorbed	17.3	18.9	21.9	14.5	9.9
Dose Site Skin	14.1	8.6	10.6	11.11	2.80
Unabsorbed	-	-	-	-	-
VOC	1.6	2.0	1.1	1.6	0.4
Appliance and washes	57.6	63.2	55.7	58.8	3.9
Total % Applied Dose Recovered	90.68	92.59	89.34	90.9	1.6

n = 4. SD = standard deviation.

^a Includes contents.

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