

**Recovery of Radioactivity 24 Hours Following Dermal Administration of 55 mg/kg
[¹⁴C]Iso E Super to Male Fischer 344 Rats with Uncovered Dose Sites Group UN-24**

Distribution in Tissues (24 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	1021	468	Unity	-	0.130	0.061
Adipose	3803	1468	4.13	1.91	0.455	0.170
Muscle	621	305	0.61	0.08	0.432	0.217
Bladder	6080	230	6.72	2.30	0.004	0.001
Skin (ears)	25997	11358	25.91	5.87	0.071	0.031
Spleen	1407	722	1.43	0.74	0.006	0.003
Liver	5910	1916	6.03	0.89	0.378	0.119
Kidney	7443	2449	7.81	2.94	0.094	0.033
Brain	324	105	0.34	0.12	0.004	0.001
Heart	911	289	0.93	0.15	0.005	0.001
Lung	1747	580	1.79	0.42	0.011	0.004
Testes	472	164	0.48	0.07	0.009	0.003
Thymus	958	354	0.97	0.25	0.002	0.001
Pancreas	5076	3388	5.41	4.08	0.017	0.012
Total in Tissues	-	-	-	-	1.62	0.50
Stomach + Contents	551	334	-	-	0.52	0.32
Small Int + Contents	9706	1927	-	-	8.81	2.01
Cecum + Contents	5560	1610	-	-	5.03	2.06
Large Int + Contents	1216	309	-	-	1.13	0.30
Total in GI Tract^a	-	-	-	-	15.5	4.0
Dose Skin Site	9216	3824	11.06	7.06	8.25	3.13

Percent of Dose Recovered in Excreta

Excreta	4-13	4-15	4-16	4-25	Mean	SD
Urine ^b	6.3	4.0	4.9	9.9	6.3	2.6
Feces	2.1	1.7	2.4	5.3	2.9	1.6
Total Excreted	8.4	5.8	7.3	15.2	9.2	4.2

Disposition Summary – Percent of Dose Recovered

Absorbed	4-13	4-15	4-16	4-25	Mean	SD
Urine	6.3	4.0	4.9	9.9	6.3	2.6
Feces	2.1	1.7	2.4	5.3	2.9	1.6
Tissues	1.3	1.1	1.7	2.3	1.6	0.5
GI Tract	17.3	10.9	13.9	20.0	15.5	4.0
Carcass Digest	9.8	5.2	10.3	15.0	10.1	4.0
Total Absorbed	36.7	23.0	33.2	52.4	36.3	12.2
Dose Site Skin	12.5	7.3	8.2	5.0	8.25	3.13
Unabsorbed	-	-	-	-	-	-
Appliance and washes	7.6	5.0	5.6	3.1	5.3	1.8
Total % Applied Dose Recovered	56.79	35.29	47.02	60.58	49.9	11.3

n = 4. SD = standard deviation.

^a Includes contents.

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