Recovery of Radioactivity 48 Hours Following Single Oral Gavage Administration of 20 mg/kg [^{14}C]Iso E Super to Male Fischer 344 Rats Group C

Target Dose 20 mg/kg
Actual Dose (mg/kg) 20.3 ± 0.2
Radioactivity (μCi/rat) 4.97 ± 0.22

Distribution in Tissues (48 h)

Tissue	ng-eq IES per g Tissue[a] Mean	ng-eq IES per g Tissue SD	Tissue Blood Ratio[a] Mean	Tissue Blood Ratio SD	% Dose in Total Tissue[a] Mean	% Dose in Total Tissue SD
Blood	342	37	0.0	0.00	0.12	0.01
Adipose	360	153	1.0	0.37	0.12	0.05
Muscle	237	149	0.7	0.35	0.47	0.29
Skin	141	29	0.4	0.06	0.13	0.03
Bladder	1218	861	3.7	2.98	0.0017	0.001
Testes	90	7.6	0.3	0.02	0.0047	0.0002
Kidney	1724	260	5.1	0.81	0.068	0.01
Spleen	254	66	0.8	0.26	0.003	0.001
Liver	2778	549	8.3	2.48	0.60	0.10
Lung	272	15	0.8	0.06	0.0054	0.0006
Heart	175	36	0.5	0.06	0.0030	0.0005
Brain	39	2.9	0.1	0.01	0.0015	0.0002
Thymus	119	12	0.4	0.03	0.0007	0.0001
Pancreas	1445	931	4.3	2.82	0.037	0.03
Total in Non-digestive Tract Tissues	**-**	**-**	**-**	**-**	**1.58**	**0.40**

Percent Dose in Total Tissue

Tissue	Mean	SD
Stomach and Contents	0.11	0.13
Small Intestines and Contents	9.0	1.6
Cecum and Contents	9.5	8.9
Large Intestines and Contents	2.6	1.6
Total in Digestive Tract Tissues and Contents	**21**	**8.4**
Total in All Tissues[a]	**23**	**8.4**

Percent Dose Excreted

Sample	Mean	SD
Urine[b]	28	3.9
Feces	39	3.0
Total Excreted	**67**	**2.4**
Total % Dose Recovered	**90**	**8.6**

n = 4. SD = standard deviation.

[a] Includes radioactivity recovered in carcass.

[b] Includes urine present in the bladder at time of sacrifice.