Recovery of Radioactivity 72 Hours Following Oral Gavage Administration of 118 mg/kg [^{14}C]Methyleugenol to Female B6C3F$_1$ Mice (Study 5)[a]

Dose Recovered in Excreta (%)[b]

End of Collection Period (h)	Urine CPDE[c]	Feces CPDE	Volatile Organics and CO_2[d] CPDE
72	~85	~6	< 0.1

Distribution in Tissues (72 hours)[e]

Tissue	% Dose Recovered	TBR[f]
Blood	0.013 ± 0.01	1.00
Brain	0.003 ± 0.00	0.89
Fat	0.093 ± 0.02	6.65
Heart	0.001 ± 0.00	0.98
Kidneys	0.005 ± 0.00	2.36
Large Intestine	0.003 ± 0.00	1.71
Liver	0.050 ± 0.01	5.07
Lungs	0.004 ± 0.00	3.42
Muscle	0.051 ± 0.07	0.96
Ovaries	0.003 ± 0.00	100.15
Skin	0.046 ± 0.02	1.77
Small Intestine	0.006 ± 0.00	1.71
Spleen	0.002 ± 0.00	6.77
Stomach, Glandular	0.002 ± 0.00	8.60
Stomach, Muscular	0 003 ± 0.00	5.21

[a] **This data is taken from an annual contractor report and not a final study report.**
[b] Values are approximate percent dose recovered (n = 3). The single oral dose was 118 mg/kg (50 μCi/kg) in corn oil. These approximations were taken from the text as the actual values for urine and feces were plotted and shown in a figure.
[c] CPDE = Cumulative percent dose excreted.
[d] Volatile organics and CO_2 in exhaled breath.
[e] Values are mean ± standard deviation (SD) (n = 3). The single oral dose was 118 mg/kg (50 μCi/kg).
[f] TBR = tissue/blood ratio. Mean ratio of [14C]-methyleugenol equivalents in tissue to [14C]-methyleugenol in blood, calculated from dpm per gram of tissue divided by dpm per gram of blood.