

Distribution of Radioactivity at 24 Hours Following Multiple Gavage Administrations of 50 mg/kg [¹⁴C]1-Butyl-3-methylimidazolium chloride to Male Fischer 344 Rats

Percent of Dose Recovered at 24 Hours Post Final Dose Following 5 Serial Daily Oral Doses

Sample %	Dose Recovered Mean^a ± SD
Feces	25.5 ± 5.1
Urine ^b	61.6 ± 2.4
Blood	0.0 ± 0.0
Tissues	1.1 ± 0.2
Total Recovery	88.2 ± 3.9

^aN = 4.

^bRadioactivity in urine and cage rinses were attributed to urinary elimination.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

50 µCi/kg/day for 5 days

Dose Recovered in Tissues at 24 Hours Post Final Dose Following 5 Serial Oral Doses

Sample	nmol/g Tissue Mean^c ± SD
Adipose	8.9 ± 2.7
Bladder	61.4 ± 32.5
Blood (nmol/mL)	4.7 ± 0.4
Liver	22.9 ± 3.4
Kidney	15.1 ± 2.9
Muscle	17.9 ± 4.9
Skin	15.9 ± 1.1

^cN = 4.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

50 µCi/kg/day for 5 days