

Distribution of Radioactivity in 72 Hours Following Gavage Administration of 0.5, 5, or 50 mg/kg [¹⁴C]1-Butyl-3-methylimidazolium chloride to Male Fischer 344 Rats

Percent of Dose Recovered in 72 Hours Following 0.5 mg/kg Dose

Sample	% Dose Recovered Mean ^a ± SD
Feces	21.41 ± 1.78
Urine	57.92 ± 12.45
Cage rinse	19.59 ± 6.30
Blood	0.03 ± 0.01
Tissues	N.D.
Total Recovery	98.95 ± 4.84

^aN = 3. Cumulative values

SD = standard deviation.

N.D. = Not determined.

Rats were maintained on NTP 2000 diet.

50 µCi/kg

Percent of Dose Recovered in 72 Hours Following 5 mg/kg Dose

Sample	% Dose Recovered Mean ^b ± SD
Feces	19.42 ± 1.71
Urine	58.07 ± 5.07
Cage rinse	18.89 ± 4.29
Blood	0.05 ± 0.01
Tissues	N.D.
Total Recovery	96.42 ± 4.22

^bN = 4. Cumulative values

SD = standard deviation.

N.D. = Not determined.

Rats were maintained on NTP 2000 diet.

50 µCi/kg

Percent of Dose Recovered in 72 Hours Following 50 mg/kg Dose

Sample	% Dose Recovered Mean ^a ± SD
Feces	28.25 ± 3.14
Urine	49.60 ± 6.92
Cage rinse	22.73 ± 9.99
Blood	0.00 ± 0.00
Tissues	N.D.
Total Recovery	100.58 ± 5.56

^bN = 4. Cumulative values

SD = standard deviation.

N.D. = Not determined.

Rats were maintained on Teklad diet.

50 µCi/kg