

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

Percent of Dose Recovered at 24 Hours Following Single Oral Dose

| Sample | % Dose Recovered Mean ^a ± SD |
|-----------------------|--|
| Feces | 29.91 ± 1.3 |
| Urine ^b | 56.3 ± 3.2 |
| Blood | 0.1 ± 0.0 |
| Tissues | 5.3 ± 2.4 |
| Total Recovery | 91.5 ± 2.3 |

^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

Dose Recovered in Tissues at 24 Hours Following Single Oral Dose

| Sample | nmol/g Tissue Mean ^a ± SD |
|-----------------|---|
| Adipose | 2.3 ± 0.7 |
| Bladder | 100.3 ± 36.4 |
| Blood (nmol/mL) | 2.3 ± 0.2 |
| Liver | 15.0 ± 4.1 |
| Kidney | 8.1 ± 2.6 |
| Muscle | 11.8 ± 1.3 |
| Skin | 7.6 ± 1.2 |

^aN = 4.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

50 µCi/kg