



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-224641
Lot Number: SAMPLE
Product Name: 1-Decyl-3-methylimidazolium chloride
CAS Number: 171058-18-7
Molecular Formula: $C_{14}H_{27}ClN_2$
Molecular Weight: 258.83

Test	Specification	Result
Appearance	Very light yellow to dark yellow viscous liquid or solid	Dark yellow viscous liquid
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 95.5\%$	99.1%
Refractive Index (n _{20/D})	1.500 - 1.502	1.501
Carbon Content	64.97 %	63.33%
Hydrogen Content	10.51%	10.49%
Nitrogen Content	10.82%	10.51%
Water Content	$\leq 2.0\%$	0.57%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com