



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-483478
Lot Number: SAMPLE
Product Name: 1-Dodecyl-2-methyl-3-benzylimidazolium chloride
CAS Number: 21054-72-8
Molecular Formula: $C_{23}H_{37}ClN_2$
Molecular Weight: 377.01

Test	Specification	Result
Appearance	Light yellow crystalline powder	Light yellow crystalline powder
Identification (FTIR)		Complies
Identification (1H-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity (HPLC)	$\geq 97\%$	97.1%
Melting Point	63-70°C	63-70°C

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.

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