



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239327
Lot Number: SAMPLE
Product Name: Benzyltrimethyltetradecylammonium chloride dihydrate
CAS Number: 147228-81-7
Molecular Formula: $C_{23}H_{44}ClN \cdot 2H_2O$
Molecular Weight: 404.07

Test	Specification	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Identification (FTIR)		Complies
Identification (1H -NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity	$\geq 98\%$	99.2%
Melting Point	63 - 65°C	63 - 65°C
Loss on Drying	$\leq 10\%$	8.94%

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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