



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239326
Lot Number: SAMPLE
Product Name: Benzyldimethylstearylammmonium chloride monohydrate
CAS Number: 206752-43-4
Molecular Formula: $C_{27}H_{50}ClN \cdot H_2O$
Molecular Weight: 442.16

Test	Specification	Result
Appearance	White to off-white powder or crystals	White powder
Identification (1H -NMR)	Complies to structure	Complies
Identification (Infrared Spectrum)	Complies to structure	Complies
Purity (HPLC)	$\geq 88.0 \%$	98.9 %
Carbon Content	64.5 - 82.1 %	72.22 %
Nitrogen Content	2.7 - 3.6%	3.08 %

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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