



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-227905A
Lot Number: SAMPLE
Product Name: Dimethyldioctadecylammonium chloride
CAS Number: 107-64-2
Molecular Formula: $C_{38}H_{80}ClN$
Molecular Weight: 586.50

Test	Specification	Result
Appearance	White to off-white solid	Off-white solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		95%
Carbon Content	77.82%	76.04%
Chloride		5.43% by Ion Chromatography
Hydrogen Content	13.75%	14.19%
Nitrogen Content	2.39%	2.32%
Water Content		~2.1% based on Elemental Analysis

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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