



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-362507A
Lot Number: SAMPLE
Product Name: N,N-Dimethyldodecylamine N-oxide 30% Solution in H₂O
CAS Number: 1643-20-5
Molecular Formula: C₁₄H₃₁NO
Molecular Weight: 229.40

Test	Specification	Result
Appearance	Colorless liquid	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Purity (Nonaqueous Titration)	27.0 - 33.0% (0.1M HCl)	27.5%
Specific Gravity	0.968 - 0.975 (20 °C / 4 °C)	0.972
Refractive Index (n ₂₀ /D)	1.376 - 1.380	1.377

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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