



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215497
Lot Number: SAMPLE
Product Name: N,N-Dimethyldecylamine N-oxide
CAS Number: 2605-79-0
Molecular Formula: $C_{12}H_{27}NO$
Molecular Weight: 201.35

Test	Result
Purity (HPLC)	99.97%
Conductivity	92.0 μ S at 10% solution
pH	8.2 (1% solution)
Solubility	\geq 30% in water at 20 °C
Absorbance (1)	0.007 at 340 nm
Absorbance (2)	0.022 at 280 nm
Absorbance (3)	0.039 at 260 nm
Absorption Excitation	280 nm
Fluorescence Emission Max	345 nm
Peroxide	181.3 μ M

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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