



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-228772
Lot Number: SAMPLE
Product Name: N,N-Dimethylhexadecylamine
CAS Number: 112-69-6
Molecular Formula: $C_{18}H_{39}N$
Molecular Weight: 269.51

Test	Specification	Result
Appearance	Clear to turbid and colorless to brown-yellow liquid or semi-solid or paste or solid clear to turbid	Clear colorless liquid
Identification (1H-NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 95.0\%$	97.2%
Purity (Nonaqueous Titration)	$\geq 98.0\%$ (HClO ₄ , 0.1 M)	98.2%
Water Content	$\leq 0.2\%$	0.10%

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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