



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214371
Lot Number: SAMPLE
Product Name: 6-Dodecanoyl-N,N-dimethyl-2-naphthylamine
CAS Number: 74515-25-6
Molecular Formula: $C_{24}H_{35}NO$
Molecular Weight: 353.54

Test	Specification	Result
Appearance		Colorless crystals
Identification (NMR)	Consistent with structure	Complies
Purity (HPLC)		$\geq 90\%$
Purity (TLC)	$\geq 90\%$	99%
Melting Point		90 - 91 °C
Absorption Coefficient	$364 \pm 3 \text{ nm}$	365 nm
Extinction Coefficient	$20000 \pm 2000 \text{ cm}^{-1} \text{ M}^{-1}$	$20980 \text{ cm}^{-1} \text{ M}^{-1}$

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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