



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215500
Lot Number: SAMPLE
Product Name: N,N-Dimethylindoaniline
CAS Number: 2150-58-5
Molecular Formula: $C_{14}H_{14}N_2O$
Molecular Weight: 226.27

Test	Specification	Result
Appearance	Brown to black powder	Dark brown powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
TLC		Complies
Absorption Excitation (1)	605 - 611 nm (c = 0.006 g/l in methanol)	609 nm
Extinction Coefficient (1)	≥ 20000	22676
Absorption Excitation (2)	272 - 278 nm	275 nm
Extinction Coefficient (2)	≥ 14000	15064
Carbon Content	71.7 - 76.9%	73.8%
Nitrogen Content	11.9 - 12.8%	12.2%

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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