



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281502
Lot Number: SAMPLE
Product Name: 7-Methylindole-3-acetic acid
CAS Number: 5435-36-9
Molecular Formula: $C_{11}H_{11}NO_2$
Molecular Weight: 189.21

Test	Specification	Result
Appearance		Yellowish to off-white crystalline powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)		99.58%
Melting Point		181.5 - 183 °C
Residue on Ignition		0.33%
Loss on Drying		0.13%
Related Substances		Largest single unspecified impurity < 0.50%, Total impurity = 0.42%

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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