



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-488656
Lot Number: SAMPLE
Product Name: 5-Hydroxyindole-3-acetic acid-D2
CAS Number: 56209-31-5
Molecular Formula: $C_{10}H_7D_2NO_3$
Molecular Weight: 193.2

Test	Specification	Result
Appearance	Light orange to dark purple solid	Light purple solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	99.20%
Purity (HPLC)	> 95%	99.36%
Purity (TLC)		96%
Melting Point		> 134 °C (dec.)
Carbon Content	62.17%	62.52%
Hydrogen Content	4.70%	5.20%
Nitrogen Content	7.25%	7.09%

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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