



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-220954
Lot Number: SAMPLE
Product Name: 4-Methylumbelliferyl 2-Amino-2-deoxy- α -D-glucopyranoside
CAS Number: 137687-00-4
Molecular Formula: $C_{16}H_{19}NO_7$
Molecular Weight: 337.32
Native Source: Synthetic

Test	Specification	Result
Appearance		White to off-white solid
Identification (NMR)		Complies
Identification (1H-NMR)		Complies
Identification (19F-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity (TLC)		> 90%
Melting Point		160 - 170 °C
Carbon Content	56.97%	53.08%
Hydrogen Content	5.68%	5.68%
Nitrogen Content	4.15%	3.68%

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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