



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-481199
Lot Number: SAMPLE
Product Name: D-Arabinose-5-13C
CAS Number: 139657-60-6
Molecular Formula: $C_4(^{13}C)H_{10}O_5$
Molecular Weight: 151.12

Test	Result
Appearance	White to Off-White Solid
Identification (1H-NMR)	Complies
Identification (13C-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity	99.7 %
Purity (TLC)	98 %
Atmosphere	Air
Elemental Analysis	(Found) %C: 39.78, %H: 6.49; (Calculated): %C: 39.74, %H: 6.67
Melting Point	152 - 154 °C
Solubility	Water (Slightly)
Specific Rotation	-131.4° (c = 0.1, Water; 24 Hours)

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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