



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-481458
Lot Number: SAMPLE
Product Name: 1,5-anhydro-D-glucitol-1-¹³C
CAS Number: 154-58-5 unlabeled
Molecular Formula: C₆(¹³C)H₁₂O₅
Molecular Weight: 165.15

Test	Specification	Result
Appearance	White to off-white solid	White to off-white solid
Identification (NMR)	Consistent with structure	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (¹³ C-NMR)	Consistent with structure	Complies
Isotopic Purity		99.4% (¹³ C ₀ = 0.58%)
Purity		98%
Specific Rotation		+42.1° (c = 0.5, Water)
Carbon Content		43.50%
Hydrogen Content		7.45%

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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