



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227734
Lot Number: SAMPLE
Product Name: D-Mannitol-1-13C
CAS Number: 132202-29-0
Molecular Formula: $(^{13}\text{C})_1\text{C}_6\text{H}_{14}\text{O}_6$
Molecular Weight: 183.16

Test	Specification	Result
Appearance	White powder	Complies
Enrichment	13C Enrichment: $\geq 99.0\%$	99.4%
Identification (1H-NMR)		Complies
Identification (13C-NMR)		Complies
Purity (HPLC)	$\geq 99.0\%$	99.3%
Optical Rotation	137 - 145°	140°
Water Content (KF)	$\leq 0.5\%$	0.0%

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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