



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239643
Lot Number: SAMPLE
Product Name: D-Glucose-13C6
CAS Number: 110187-42-3
Molecular Formula: $(^{13}\text{C})_6\text{H}_{12}\text{O}_6$
Molecular Weight: 186.11

Test	Specification	Result
Identification (^{13}C -NMR)		Complies
Isotopic Enrichment		99% (Mass Spectrometry)
Purity (^1H -NMR)	$\geq 98\%$	Complies
Purity (HPLC)	$\geq 98\%$	99.8%
Melting Point		142 - 156 °C
Salts (Silver Nitrate)		Complies
Methanol		2325 ppm (GC/MS)
Water Content (KF)		1365 ppm

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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