

Certificate of Analysis

Date of Testing: 2023-06-27 18:55:34

Date of Next Testing: 2026-06-26 18:55:34

Product Name: **D-Mannose-1-¹³C**

CAS Number: 70849-31-9

Specifications & Purity: 99 atom% ¹³C ; 99% (CP)

Lot #: F23161200

SKU #: **D473955**

Analysis: **227684**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.90%
¹³ C Enrichment	99-100 (atom%)	99.00000 atom%
Appearance(D473955)	White Solid	White Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager