

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-06-27 19:00:30
Date of Next Testing:	2026-06-26 19:00:30
Product Name:	D-Mannose-1-¹³C
CAS Number:	70849-31-9
Specifications & Purity:	≥99 atom% ¹³ C, ≥99%
Lot #:	F23161203
SKU #	D473955
Version	1
Analysis #:	227684
Storage Temperature:	Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.90000 %
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