

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-09 15:19:31

Date of Next Testing: 2026-08-08 15:19:31

Product Name: **D-Glucose-3-¹³C**

CAS Number: 287100-64-5

Specifications & Purity: ≥99 atom% ¹³C, ≥98%

Lot #: H2305170

SKU #: **D474101**

Version: **1**

Analysis #: **257062**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.40000 %
Isotopic purity(¹³ C)	99-100 (atom%)	99.00000 atom%
Specific Rotation [α] ₂₅ /D(c =2 in H ₂ O(trace NH ₄ OH)	50-54 (°)	50.21000 °
NMR Spectrum ¹ H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager