

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-12 13:43:12

Date of Next Testing: 2026-04-12 13:43:12

Product Name: **D-Glucose-1-¹³C**

CAS Number: 40762-22-9

Specifications & Purity: 99atom%13C

Lot #: F2229239

SKU #: **D135509**

Analysis: **340840**

Parameter	Limit Values	Result
Isotopic Assay(Atom % 13c)	99-100 (%)	99.00%
Specific Rotation [α] ₂₅ /D(c =2 in H ₂ O(trace NH ₄ OH)	51-53 (°)	52.10°
Appearance (D135509)	white powder or solid	white powder or solid

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager