

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-20 17:25:03

Date of Next Testing: 2026-08-20 17:25:03

Product Name: **D-Glucose-1-<sup>13</sup>C**

CAS Number: 40762-22-9

Specifications & Purity: ≥99 atom% 13C

Lot #: H2412136

SKU #: **D135509**

Version: **0**

Analysis #: **394728**

Storage Temperature: Protected from light, Room temperature

| Parameter                                                                                 | Limit Values          | Result                |
|-------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Isotopic Assay(Atom % 13c)                                                                | 99-100 (%)            | 100.00000 %           |
| Specific Rotation [α] <sub>25</sub> /D(c =2 in H <sub>2</sub> O(trace NH <sub>4</sub> OH) | 51-53 (°)             | 52.25000 °            |
| Appearance (D135509)                                                                      | white powder or solid | white powder or solid |



John Su  
QA & QC Manager