

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-02 10:35:05

Date of Next Testing: 2026-08-01 10:35:05

Product Name: **4-Methylumbelliferyl  $\alpha$ -D-glucopyranoside**

CAS Number: 17833-43-1

Specifications & Purity: 98%

Lot #: G2322702

SKU #: **M331440**

**Analysis:** **246534**

Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                            | 98-100 (%)            | 99.21200 %            |
| Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ MeOH})$ | 216.5-240 (°)         | 235.90 °              |
| Proton NMR spectrum                                     | Conforms to structure | Conforms to Structure |

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

John Su  
QA & QC Manager