

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-15 14:45:21

Date of Next Testing: 2025-12-14 14:45:21

Product Name: **4-Methylumbelliferyl α -D-glucopyranoside**

CAS Number: 17833-43-1

Specifications & Purity: 98%

Lot #: L2208931

SKU #: **M331440**

Analysis: **158375**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.94500 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ MeOH})$	216.5-240 (°)	239.48 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager