

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 16:59:14

Date of Next Testing: 2027-01-10 16:59:14

Product Name: **4-Methylumbelliferyl--D-glucuronide**

CAS Number: 6160-80-1

Specifications & Purity: 98%

Lot #: A2306760

SKU #: **M194210**

Analysis: **162787**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	8-10.2 (%)	9.91 %
Purity(HPLC)	98-100 (%)	99.95400 %
Specific Rotation [α] ₂₀ /D(c=0.25 in H ₂ O)	-107--103 (°)	-106.75 °
Appearance (M194210)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager