

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-01 14:48:39
 Date of Next Testing: 2028-06-30 14:48:39
 Product Name: **4-Methylumbelliferyl-beta-D-glucuronide**
 CAS Number: 6160-80-1
 Specifications & Purity: $\geq 98\%$
 Lot #: F2421431
 SKU #: **M194210**
 Version: **0**
 Analysis #: **365078**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=0.25 \text{ in H}_2\text{O})$	-107--103 ($^{\circ}$)	-106.61100 $^{\circ}$
Water by Karl Fischer	8-10.2 (%)	9.58550 %
Purity(HPLC)	98-100 (%)	99.66600 %
Appearance (M194210)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager