

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-05 15:00:13
 Date of Next Testing: 2029-11-04 15:00:13
 Product Name: **4-Methylumbelliferyl β -D-glucopyranoside**
 CAS Number: 18997-57-4
 Specifications & Purity: $\geq 99\%$
 Lot #: J2528192
 SKU #: **M103899**
 Version: **1**
 Analysis #: **150631**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.85200 %
Water by Karl Fischer	0-2 (%)	1.00140 %
Specific Rotation $n_{20}/D(c=0.3, \text{H}_2\text{O})$	-108--97.5 ($^{\circ}$)	-101.60200 $^{\circ}$
Appearance (M103899)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager