

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-21 13:42:57
Date of Next Testing: 2026-12-20 13:42:57
Product Name: **4-Methylumbelliferyl β -D-glucopyranoside**
CAS Number: 18997-57-4
Specifications & Purity: $\geq 99\%$
Lot #: L2215683
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 (%)	1.00 %
Specific Specific Rotation $n_{20}/D(c=0.3, \text{H}_2\text{O})$	-108--97.5 ($^{\circ}$)	-101.60 $^{\circ}$
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