

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-24 16:34:35  
Date of Next Testing: 2026-02-23 16:34:35  
Product Name: **4-Methylumbelliferyl  $\beta$ -D-glucopyranoside**  
CAS Number: 18997-57-4  
Specifications & Purity: 99%  
Lot #: B2222468  
SKU #: **M103899**  
**Analysis: 067739**  
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.93200 %
Water by Karl Fischer	0-2 (%)	0.68 %
Specific Specific Rotation $n_{20}/D(c=0.3, H_2O)$	-108--97.5 (°)	-107.99 °
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