

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-02 10:11:31
Date of Next Testing: 2025-11-01 10:11:31
Product Name: **Methyl α -D-glucopyranoside**
CAS Number: 97-30-3
Specifications & Purity: 98%
Lot #: A2225154
SKU #: **M106708**
Analysis: **291240**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-0.1 (%)	0.05 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	155-160 ($^{\circ}$)	155.01 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.64000 %
Melting point	167-170 ($^{\circ}\text{C}$)	169.16000 $^{\circ}\text{C}$
Appearance (M106708)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager