

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  $\alpha$ -D-glucopyranoside**  
CAS Number: 97-30-3  
Specifications & Purity: 98%  
Lot #: A2225102  
SKU #: **M106708**  
**Analysis:** **291240**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-0.1 (%)	0.05 %
Specific Rotation [a] <sub>D</sub> 20/D(c=10 in H <sub>2</sub> O)	155-160 (°)	155.01 °
Purity(HPLC)	98-100 (%)	99.64000 %
Melting point	167-170 (°C)	169.16000 °C
Appearance (M106708)	White crystal powder	White crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager