

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-15 14:41:54
Date of Next Testing: 2026-09-14 14:41:54
Product Name: **Methyl- β -D-glucopyranoside hemihydrate**
CAS Number: 7000-27-3
Specifications & Purity: 99%
Lot #: K1823145
SKU #: **M120896**
Analysis: **135093**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Melting point	106-111 (°C)	108.30000 °C
Specific Rotation [a] ₂₀ /D(c=1 in H ₂ O)	-38--32 (°)	-32.05 °
Water by Karl Fischer	0-5 (%)	4.62 %
Appearance (M120896)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , soluble colorless	0.1 g/mL, clear, pass	Pass



John Su
QA & QC Manager