

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-14 13:47:25
 Date of Next Testing: 2030-03-13 13:47:25
 Product Name: **Methyl- β -D-glucopyranoside hemihydrate**
 CAS Number: 7000-27-3
 Specifications & Purity: $\geq 99\%$
 Lot #: C2613423
 SKU #: **M120896**
 Version: **1**
 Analysis #: **664720**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	106-111 (°C)	108.60000 °C
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-38--32 (°)	-32.86700 °
Water by Karl Fischer	0-5 (%)	3.11730 %
Purity(HPLC)	99-100 (%)	99.02000 %
Appearance (M120896)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H ₂ O , soluble0.1 g/mL, clear, pass colorless		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager