

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-24 15:04:44
 Date of Next Testing: 2026-06-23 15:04:44
 Product Name: **Methyl β -D-glucopyranoside**
 CAS Number: 709-50-2
 Specifications & Purity: >98.0%(GC)
 Lot #: I1409110
 SKU #: **M120877**
Analysis: **105618**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰ (c=1 in H ₂ O)	-38--32 (°)	-36.90°
Purity(GC)	98-100 (%)	98.06 %
Water by Karl Fischer	0-11.5 (%)	9.80 %
Melting point	109-112 (°C)	110.00000 °C
Appearance (M120877)	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, Colorless Clear , 1 mg/ml, pass H ₂ O		Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager