

Certificate of Analysis

Date of Testing: 2022-04-30 17:39:06
 Date of Next Testing: 2026-04-29 17:39:06
 Product Name: **Methyl β -D-glucopyranoside**
 CAS Number: 709-50-2
 Specifications & Purity: >98.0%(GC)
 Lot #: D2228100
 SKU #: **M120877**
Analysis: **072321**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.82 %
Water by Karl Fischer	0-11.5 (%)	6.80 %
Melting point	109-112 (°C)	111.88000 °C
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-38--32 (°)	-32.02 °
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