

Certificate of Analysis

Date of Testing: 2023-02-08 18:47:05
Date of Next Testing: 2025-02-07 18:47:05
Product Name: **Methyl 2 , 3:4 , 6-Di-O-benzylidene- α -D-mannopyranoside**
CAS Number: 4148-71-4
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: B23031113
SKU #: **M137230**
Analysis: **157465**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	183-187 (°C)	186.73000 °C
Purity(HPLC area)	98-100 (%)	98.73 %
Specific Rotation $[\alpha]_{20/D}(c=1$ in CHCL3)	-1~1 (°)	-1.00 °
Appearance(M137230)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager