

Certificate of Analysis

Date of Testing: 2023-03-17 12:47:43
Date of Next Testing: 2027-03-16 12:47:43
Product Name: **Isosorbide**
CAS Number: 652-67-5
Specifications & Purity: >98.0%(GC)
Lot #: C23111268
SKU #: **I157515**
Version: **0**
Analysis #: **176008**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=5 in H ₂ O)	43-47 (°)	45.12°
Melting point	58-63 (°C)	61.27000 °C
Purity(GC)	98-100 (%)	98.18%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager