

Certificate of Analysis

Date of Testing: 2022-03-20 16:49:59

Date of Next Testing: 2026-03-19 16:49:59

Product Name: **Isosorbide**

CAS Number: 652-67-5

Specifications & Purity: >98.0%(GC)

Lot #: C2215489

SKU #: **I157515**

Analysis: **072299**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=5 in H ₂ O)	43-47 (°)	45.53°
Melting point	58-63 (°C)	59.75000 °C
Purity(GC)	98-100 (%)	98.74%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager