

Certificate of Analysis

Date of Testing: 2024-12-21 15:34:47

Date of Next Testing: 2028-12-20 15:34:47

Product Name: **Isosorbide**

CAS Number: 652-67-5

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: L2411807

SKU # **I157515**

Version **0**

Analysis #: **441774**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	43-47 (°)	44.53°
Melting point	58-63 (°C)	61.28000 °C
Purity(GC)	98-100 (%)	99.17 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager