

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-15 09:02:18

Date of Next Testing: 2029-08-14 09:02:18

Product Name: **Isosorbide**

CAS Number: 652-67-5

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

Lot #: H2508460

SKU #: **I157515**

Version: **0**

Analysis #: **530677**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$ | 43-47 (°)             | 45.42800°             |
| Melting point                                                   | 58-63 (°C)            | 59.81000 °C           |
| Purity(GC)                                                      | 98-100 (%)            | 98.54800 %            |
| Proton NMR spectrum                                             | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager