

## Certificate of Analysis

Date of Testing: 2025-06-16 11:39:51

Date of Next Testing: 2029-06-15 11:39:51

Product Name: **D-Sorbitol solution**

CAS Number: 50-70-4

Specifications & Purity: AR, ≥98%

Lot #: F2506676

SKU #: **S104833**

Version: **1**

Analysis #: **530236**

Storage Temperature: Argon charged

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                                       | 98-100 (%)            | 99.78 %               |
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O) | -1.8--1.2 (°)         | -1.52 °               |
| Appearance (S104833)                                             | White powder          | White powder          |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 200 mg/ml     | pass                  | Pass                  |
| Proton NMR spectrum                                              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager