

## Certificate of Analysis

Date of Testing: 2025-04-10 09:15:16

Date of Next Testing: 2029-04-09 09:15:16

Product Name: **D-Sorbitol solution**

CAS Number: 50-70-4

Specifications & Purity: AR, ≥98%

Lot #: C2528574

SKU #: **S104833**

Version: **1**

Analysis #: **496383**

Storage Temperature: Argon charged

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                                       | 98-100 (%)            | 99.80 %               |
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O) | -1.8--1.2 (°)         | -1.61 °               |
| 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 |



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