

## Certificate of Analysis

Date of Testing: 2025-08-02 10:59:48  
Date of Next Testing: 2029-08-01 10:59:48  
Product Name: **D-Sorbitol solution**  
CAS Number: 50-70-4  
Specifications & Purity: AR, ≥98%  
Lot #: G2528393  
SKU #: **S104833**  
Version: **1**  
Analysis #: **550395**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.67%
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	-1.8--1.2 (°)	-1.79°
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