

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-11 14:39:03

Date of Next Testing: 2027-03-10 14:39:03

Product Name: **1,5-Anhydro-D-sorbitol**

CAS Number: 154-58-5

Specifications & Purity: $\geq 97\%$

Lot #: C2301435

SKU #: **A121074**

Analysis: **108535**

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.66000 %
Specific Rotation $[\alpha]_{20/D(c=0.8 \text{ in H}_2\text{O})}$	40-46 (°)	44.67°
Appearance (A121074)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless Clear(49.00 - 51.00 mg/ml)	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager