

Certificate of Analysis

Date of Testing: 2022-09-15 16:42:27
Date of Next Testing: 2026-09-14 16:42:27
Product Name: **1,5-Anhydro-D-sorbitol**
CAS Number: 154-58-5
Specifications & Purity: $\geq 97\%$
Lot #: I2207206
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



John Su
QA & QC Manager