

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-08 13:59:33

Date of Next Testing: 2026-08-07 13:59:33

Product Name: **β-D-Allose**

CAS Number: 7283-09-2

Specifications & Purity: ≥97%

Lot #: J1809152

SKU #: **A130056**

Version: **1**

Analysis #: **122308**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	38.6-40.4 (%)	39.40000 %
Purity(HPLC)	97-100 (%)	97.21600 %
Specific Rotation [α] ₂₀ /D(45.00 - 55.00 mg/ml in H ₂ O)	12-16 (°)	13.60000 °
Water by Karl Fischer	0-2 (%)	1.33000 %
Appearance (A130056)	white to white with a light yellow cast powder	white to white with a light yellow cast powder
Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O)	pass	Pass
NMR (Solvent) DMSO	Identity by NMR Consistent	Identity by NMR Consistent



John Su
QA & QC Manager