

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-27 18:03:06

Date of Next Testing: 2029-11-26 18:03:06

Product Name: **1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose**

CAS Number: 582-52-5

Specifications & Purity: $\geq 98\%$

Lot #: K2526730

SKU #: **D106754**

Version: **0**

Analysis #: **608225**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in EtOH})}$	-12--10 (°)	-11.25500 °
Sulfate Ash	0-0.2 (%)	0.10000 %
Purity(GC)	98-100 (%)	98.94800 %
Loss on drying	0-0.5 (%)	0.33000 %
Melting point	108-112 (°C)	110.63000 °C
Appearance (D106754)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager