

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-02 14:25:25

Date of Next Testing: 2030-09-01 14:25:25

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

CAS Number: 582-52-5

Grades & Purity: $\geq 98\%$

Lot #: L2205062

SKU #: **D106754**

Version: **0**

Analysis #: **766503**

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

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=5 in EtOH)	-12--10 (°)	-10.99000 °
Sulfate Ash	0-0.2 (%)	0.13000 %
Purity(GC)	98-100 (%)	98.25000 %
Loss on drying	0-0.5 (%)	0.27000 %
Melting point	108-112 (°C)	108.20000 °C
Appearance (D106754)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager