

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 16:34:00
 Date of Next Testing: 2029-08-13 16:34:00
 Product Name: **1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose**
 CAS Number: 582-52-5
 Specifications & Purity: $\geq 98\%$
 Lot #: J2128011
 SKU #: **D106754**
 Version: **0**
 Analysis #: **554168**
 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 (°)	-11.19600 °
Sulfate Ash	0-0.2 (%)	0.10000 %
Purity(GC)	98-100 (%)	99.48400 %
Loss on drying	0-0.5 (%)	0.29800 %
Melting point	108-112 (°C)	110.55800 °C
Appearance (D106754)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager