

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-19 21:54:07
 Date of Next Testing: 2026-02-18 21:54:07
 Product Name: **1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose**
 CAS Number: 582-52-5
 Specifications & Purity: $\geq 98\%$
 Lot #: D1808072
 SKU #: **D106754**
 Version: **0**
 Analysis #: **075711**
 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 (°)	-11.99000 °
Sulfate Ash	0-0.2 (%)	0.01500 %
Purity(GC)	98-100 (%)	98.92500 %
Loss on drying	0-0.5 (%)	0.21000 %
Melting point	108-112 (°C)	109.82000 °C
Appearance (D106754)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager