

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-07 19:06:59
 Date of Next Testing: 2026-12-06 19:06:59
 Product Name: **1,2:5,6-Di-O-isopropylidene- α -D-glucofuranose**
 CAS Number: 582-52-5
 Specifications & Purity: $\geq 98\%$
 Lot #: L2205107
 SKU #: **D106754**
 Version: **0**
 Analysis #: **131774**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-0.2 (%)	0.13000 %
Purity(GC)	98-100 (%)	98.25400 %
Loss on drying	0-0.5 (%)	0.27000 %
Melting point	108-112 (°C)	108.21000 °C
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in EtOH})}$	-12--10 (°)	-10.99100 °
Appearance (D106754)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager