

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-06 14:01:03

Date of Next Testing: 2028-06-05 14:01:03

Product Name: **1,2:3,5-Di-O-isopropylidene-alpha-D-xylofuranose**

CAS Number: 20881-04-3

Specifications & Purity: $\geq 98\%$

Lot #: K1227045

SKU #: **D107886**

Version: **0**

Analysis #: **365231**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.54000 %
Melting point	42-46 (°C)	44.93000 °C
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in Acetone})$	18-20 (°)	19.40100 °
Appearance (D107886)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager