

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-19 14:21:23

Date of Next Testing: 2029-12-18 14:21:23

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

CAS Number: 2595-05-3

Specifications & Purity: $\geq 98\%$

Lot #: B2225236

SKU #: **D122462**

Version **1**

Analysis #: **620432**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	35-38 ($^{\circ}$)	37.70400 $^{\circ}$
Purity(GC)	98-100 (%)	98.55400 %
Melting point	74-77 ($^{\circ}\text{C}$)	74.26800 $^{\circ}\text{C}$
Appearance (D122462)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in Toluene	almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager