

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-08 16:14:49
 Date of Next Testing: 2026-04-07 16:14:49
 Product Name: **1,2:5,6-Di-O-isopropylidene- α -D-allofuranose**
 CAS Number: 2595-05-3
 Specifications & Purity: $\geq 98\%$
 Lot #: E1822140
 SKU #: **D122462**
 Version: **1**
 Analysis #: **086356**
 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 ($^{\circ}$)	35.80000 $^{\circ}$
Purity(GC)	98-100 (%)	99.20000 %
Melting point	74-77 ($^{\circ}\text{C}$)	75.20000 $^{\circ}\text{C}$
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