

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-19 16:28:38

Date of Next Testing: 2026-07-18 16:28:38

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

CAS Number: 2595-05-3

Specifications & Purity: $\geq 98\%$

Lot #: 11428190

SKU #: **D122462**

Version: **1**

Analysis #: **114899**

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 (°)	36.70000 °
Purity(GC)	98-100 (%)	98.30700 %
Melting point	74-77 (°C)	75.70000 °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