

Certificate of Analysis

Date of Testing: 2022-05-30 17:03:21

Date of Next Testing: 2024-05-19 17:03:21

Product Name: **Tri-O-acetyl-D-glucal**

CAS Number: 2873-29-2

Specifications & Purity: 98%

Lot #: E2223133

SKU #: **T107427**

Analysis: **081485**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.29 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	-16--13 (°)	-13.54 °
Sulfate Ash	0-0.2 (%)	0.12 %
Purity(HPLC)	98-100 (%)	99.09500 %
Melting point	53-56 (°C)	54.77000 °C
Appearance (T107427)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager