

Certificate of Analysis

Date of Testing: 2024-12-23 13:59:59

Date of Next Testing: 2026-12-13 13:59:59

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

CAS Number: 2873-29-2

Specifications & Purity: $\geq 98\%$

Lot #: F2103373

SKU #: **T107427**

Version: **1**

Analysis #: **447181**

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

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.01 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	-16--13 (°)	-13.88 °
Sulfate Ash	0-0.2 (%)	0.02 %
Purity(HPLC)	98-100 (%)	99.37100 %
Melting point	51-58 (°C)	51.10000 °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



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