

Certificate of Analysis

Date of Testing: 2025-09-11 09:27:34
 Date of Next Testing: 2027-09-01 09:27:34
 Product Name: **Tri-O-acetyl-D-glucal**
 CAS Number: 2873-29-2
 Specifications & Purity: $\geq 98\%$
 Lot #: K2327206
 SKU #: **T107427**
 Version: **1**
 Analysis #: **568567**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.13 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in EtOH})}$	-16--13 (°)	-13.10 °
Sulfate Ash	0-0.2 (%)	0.10 %
Purity(HPLC)	98-100 (%)	99.36000 %
Melting point	51-58 (°C)	54.02700 °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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QA & QC Manager