

Certificate of Analysis

Date of Testing: 2024-03-11 15:43:47

Date of Next Testing: 2026-03-01 15:43:47

Product Name: **Acetobromo- α -D-glucose**

CAS Number: 572-09-8

Specifications & Purity: $\geq 98\%$, contains 2% CaCO₃ as stabilizer

Lot #: C2405694

SKU #: **T110108**

Version: **0**

Analysis #: **319654**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.15 %
Purity(HPLC)	98-100 (%)	99.59700 %
Melting point	87-92 (°C)	90.71000 °C
Specific Rotation [a] _D 20/D(c=3 in CHCL ₃)	192-205 (°)	203.91 °
Appearance (T110108)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (2% CaCO ₃)	Conforms	Conforms



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QA & QC Manager