

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-15 13:35:57

Date of Next Testing: 2027-01-05 13:35:57

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

CAS Number: 572-09-8

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

Lot #: G2106326

SKU #: **T110108**

Version: **0**

Analysis #: **463312**

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

Parameter	Limit Values	Result
Purity (Argentometric Titration)	97.5-102.5 (%)	98.11800 %
Purity (HPLC)	98-100 (%)	98.56100 %
Melting point	87-92 (°C)	89.49800 °C
Specific Rotation [α] _{20/D} (c=3 in CHCl ₃)	192-205 (°)	193.59800 °
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



John Su
QA & QC Manager