

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-18 16:41:15
 Date of Next Testing: 2027-04-08 16:41:15
 Product Name: **Acetobromo- α -D-glucose**
 CAS Number: 572-09-8
 Specifications & Purity: $\geq 98\%$, contains 2% CaCO₃ as stabilizer
 Lot #: C2313055
 SKU #: **T110108**
 Version: **0**
 Analysis #: **499342**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentometric Titration)	97.5-102.5 (%)	99.40000 %
Purity (HPLC)	98-100 (%)	98.20000 %
Melting point	87-92 (°C)	90.00000 °C
Specific Rotation [α] _{20/D} (c=3 in CHCl ₃)	192-205 (°)	204.80000 °
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