

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-11 15:40:26  
 Date of Next Testing: 2026-03-01 15:40:26  
 Product Name: **Acetobromo- $\alpha$ -D-glucose**  
 CAS Number: 572-09-8  
 Specifications & Purity:  $\geq 98\%$ , contains 2% CaCO<sub>3</sub> as stabilizer  
 Lot #: C2405693  
 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 (%)            | 98.15000 %                |
| Purity(HPLC)                                                                 | 98-100 (%)                | 99.59700 %                |
| Melting point                                                                | 87-92 (°C)                | 90.71000 °C               |
| Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=3 in CHCL <sub>3</sub> ) | 192-205 (°)               | 203.90900 °               |
| Appearance (T110108)                                                         | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                                                            | Conforms to Structure     | Conforms to Structure     |
| Stabilizer (2% CaCO <sub>3</sub> )                                           | Conforms                  | Conforms                  |



John Su  
QA & QC Manager