

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-13 19:03:21

Date of Next Testing: 2024-05-02 19:03:21

Product Name: **Acetobromo- $\alpha$ -D-galactose**

CAS Number: 3068-32-4

Specifications & Purity:  $\geq 93\%$ , stabilized with 2% CaCO<sub>3</sub>

Lot #: C2226352

SKU #: **A120774**

Version: **2**

Analysis #: **062854**

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

| Parameter                                                                      | Limit Values              | Result                    |
|--------------------------------------------------------------------------------|---------------------------|---------------------------|
| Specific Rotation [a] <sub>D</sub> <sup>25</sup> (c=0.5 in CHCl <sub>3</sub> ) | 200-225 (°)               | 220.11500 °               |
| Br (Titration by AgNO <sub>3</sub> )                                           | 18-20.8 (%)               | 19.40000 %                |
| Purity (HPLC)                                                                  | 93-100 (%)                | 97.88800 %                |
| Appearance (A120774)                                                           | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                                                              | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                                                            | Conforms to Structure     | Conforms to Structure     |
| Solubility in CHCl <sub>3</sub> (2% CaCO <sub>3</sub> as stabilizer)           | Soluble at 5 mg/mL        | Soluble at 5 mg/mL        |



John Su  
QA & QC Manager