

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 18:02:15

Date of Next Testing: 2025-02-24 18:02:15

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

CAS Number: 3068-32-4

Specifications & Purity: $\geq 93\%$, stabilized with 2% CaCO₃

Lot #: C2301507

SKU #: **A120774**

Version: **2**

Analysis #: **062854**

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

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁵ (c=0.5 in CHCl ₃)	200-225 (°)	220.11500 °
Br (Titration by AgNO ₃)	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 ₃ (2% CaCO ₃ as stabilizer)	Soluble at 5 mg/mL	Soluble at 5 mg/mL



John Su
QA & QC Manager