

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-05 13:29:50

Date of Next Testing: 2024-12-25 13:29:50

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

CAS Number: 3068-32-4

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

Lot #: E1922213

SKU #: **A120774**

Version: **2**

Analysis #: **174516**

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

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=0.5 \text{ in CHCl}_3)$	200-225 (°)	212.50000 °
Br(Titration by AgNO ₃)	18-20.8 (%)	19.20000 %
Purity(HPLC)	93-100 (%)	93.65000 %
Appearance (A120774)	White to Off-White Powder	White to Off-White Powder
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