

Certificate of Analysis

Date of Testing: 2023-12-21 13:36:43

Date of Next Testing: 2025-12-10 13:36:43

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

CAS Number: 3068-32-4

Specifications & Purity: 93%, contains about 2% CaCO₃ as stabilizer

Lot #: C2226341

SKU #: **A120774**

Analysis: **307381**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] _D ²⁵ (c=0.5 in CHCl ₃)	200-225 (°)	220.11 °
Br (Titration by AgNO ₃)	18-20.8 (%)	19.40 %
Purity (HPLC)	93-100 (%)	97.88600 %
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