

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-26 16:30:03
 Date of Next Testing: 2024-03-15 16:30:03
 Product Name: **Acetobromo- α -D-glucuronic acid methyl ester**
 CAS Number: 21085-72-3
 Specifications & Purity: $\geq 93\%$
 Lot #: C2223088
 SKU #: **A121071**
 Version: **0**
 Analysis #: **064568**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	93-100 (%)	99.57300 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Ethyl Acetate})$	188-198 (°)	197.99000 °
Appearance (A121071)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Ethyl Acetate , Colorless to Faint Yellow Clear(50mg/mL)	pass	Pass



John Su
QA & QC Manager