



CERTIFICATE OF ANALYSIS

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1. Identification

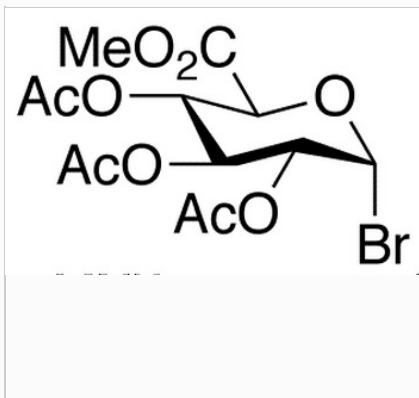
Catalogue Number: A162000

CAS Number: 21085-72-3

Product: Acetobromo- α -D-glucuronic Acid Methyl Ester (contains 2% CaCO₃)

Synonym: 1-Bromo-1-deoxy-2,3,4-triacetate α -D-Glucopyranuronic Acid Methyl Ester; Methyl (Tri-O-acetyl- α -D-glucopyranosyl Bromide)uronate; Methyl 2,3,4-Tri-O-acetyl

Structure:



Molecular Formula:

C₁₃H₁₇BrO₉

Molecular weight:

397.17

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly),
Chloroform (Slightly, Heated,
Sonicated), Dichloromethane

Lot Number: 5-RCD-48-3

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: Hygroscopic

2. Warning

Warning 1: Hygroscopic

Warning 2: Moisture Sensitive

Warning 3: Temperature Sensitive

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Beige Solid	Off-White to Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 38.82, %H: 4.23
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+172.1° (c = 0.7, Chloroform)

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Hexanes = 1 : 1; Visualized with AMCS; Single Spot, R_f = 0.65. Elemental Analysis: (Theoretical) %C: 39.31, %H: 4.31

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	1/7/2020	1/5/2030