

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-30 16:59:41  
Date of Next Testing: 2026-03-29 16:59:41  
Product Name: **2,3,4-Tri-O-acetyl-a-D-glucuronide methyl ester trichloroacetimidate**  
CAS Number: 92420-89-8  
Specifications & Purity: 95%  
Lot #: C2317342  
SKU #: **T304981**  
**Analysis: 163757**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.68600 %
Specific rotation $[\alpha]_{20/D}(C=1.9, \text{ in } \text{CHCl}_3)$	91-95 (°)	94.86°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager