

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-01 14:01:39  
Date of Next Testing: 2027-02-28 14:01:39  
Product Name: **1,3,4,6-Tetra-O-acetyl-2-azido-2-deoxy- $\alpha$ -D-mannopyranose**  
CAS Number: 68733-20-0  
Specifications & Purity: 98%  
Lot #: B23241128  
SKU #: **T161935**  
**Analysis: 138953**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> (c=1 CHCL <sub>3</sub> )	70-90 (°)	82.51°
Purity(HPLC area)	98-100 (%)	98.55%
Appearance(T161935)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager