

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 13:27:30
 Date of Next Testing: 2029-10-22 13:27:30
 Product Name: **1,3,4,6-Tetra-O-acetyl- β -D-mannopyranose**
 CAS Number: 18968-05-3
 Specifications & Purity: $\geq 97\%$
 Lot #: C1821109
 SKU #: **T162852**
 Version: **0**
 Analysis #: **590448**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.00360 %
Specific Rotation $[\alpha]_{20/D}(c=1.4 \text{ in CHCL}_3)$	-24--21 (°)	-21.32000 °
Appearance (T162852)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager