

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-25 12:41:57  
Date of Next Testing: 2027-03-24 12:41:57  
Product Name: **4-Methoxyphenyl 2,3,4,6-Tetra-O-acetyl- $\alpha$ -D-mannopyranoside**  
CAS Number: 17042-40-9  
Specifications & Purity: 98%  
Lot #: C2314724  
SKU #: **M157928**  
**Analysis: 178376**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.20 %
Melting point	100-104 (°C)	102.00000 °C
Specific Rotation $[\alpha]_{20/D}(c=1$ in CHCL3)	70-74 (°)	72.10 °
Appearance(M157928)	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