

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-16 14:17:59

Date of Next Testing: 2029-07-15 14:17:59

Product Name: **1,2,3,4,6-Penta-O-acetyl- α -D-mannopyranose**

CAS Number: 4163-65-9

Specifications & Purity: $\geq 98\%$

Lot #: J2112648

SKU #: **P292266**

Version: **1**

Analysis #: **540929**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.82000 %
Specific rotation $[\alpha]_{20/D(C=1, CHCl_3)}$	51-57(°)	54.61000 °
Appearance(P292266)	White to light brown powder or crystals	white to light brown powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager