

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 13:51:37
 Date of Next Testing: 2029-03-11 13:51:37
 Product Name: **1,2,3,4,6-Penta-O-acetyl-D-mannopyranose**
 CAS Number: 25941-03-1
 Specifications & Purity: $\geq 97\%$
 Lot #: F2103261
 SKU #: **P160690**
 Version: **1**
 Analysis #: **478861**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.30000 %
Specific rotation $[\alpha]_{20/D(C=1, CHCl_3)}$	50-58 (°)	54.00000 °
Appearance(P160690)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager