

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-30 14:19:23
Date of Next Testing: 2026-07-29 14:19:23
Product Name: **1,2,3,4,6-Penta-O-acetyl- α -D-mannopyranose**
CAS Number: 4163-65-9
Specifications & Purity: $\geq 98\%$
Lot #: G2228082
SKU #: **P292266**
Analysis: **095085**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.89600 %
Specific rotation $[\alpha]_{20/D}(C=1, \text{CHCl}_3)$	51-57($^{\circ}$)	56.98 $^{\circ}$
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