

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-06 17:19:29
Date of Next Testing: 2026-11-05 17:19:29
Product Name: **1-O-(α -Glucopyranosyl)-D-mannitol**
CAS Number: 20942-99-8
Specifications & Purity: $\geq 98\%$
Lot #: J2331498
SKU #: **O353879**
Analysis: 286796
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.23%
specific rotation $[\alpha]_{20/D}(C=0.1\text{mol/L DMSO})$	98-100 ($^{\circ}$)	102.99800 $^{\circ}$
Appearance(O353879)	White to Off-White Solid	White to off-white solid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager