

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-06 15:25:05  
Date of Next Testing: 2026-11-05 15:25:05  
Product Name: **1-O-( $\alpha$ -Glucopyranosyl)-D-mannitol**  
CAS Number: 20942-99-8  
Specifications & Purity:  $\geq$ 98%  
Lot #: J2331496  
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