

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-13 17:23:05
Date of Next Testing: 2030-01-12 17:23:05
Product Name: **D-(+)-Mannose**
CAS Number: 3458-28-4
Specifications & Purity: Moligand™, for cell culture, ≥99%
Lot #: A2612055
SKU #: **M113093**
Version: **1**
Analysis #: **566557**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.91700%
Specific Rotation [α] ₂₅ /D(c=4 in H ₂ O in stand for 24 hours)	13.5-14.9 (°)	14.25°
Appearance (M113093)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow,Clear ,50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager