

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-07-08 09:48:10
Date of Next Testing:	2028-07-07 09:48:10
Product Name:	D-Mannose isomerase
Lot #:	ZJ26F0737093
SKU #:	D1522977
Version:	1
Analysis #:	036483
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Recombinant, ≥90% (SDS-PAGE), ≥20 U/mg enzyme powder; ≥100 U/mg protein
Concentration:	51.7 U/mg solid; 196 U/mg protein
Formulation:	Lyophilized
Reconstitution:	Reconstitute in water to a concentration of 10mg/ml.
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	036483

Parameter	Limit Value	Result
Enzyme activity(protein)	≥100(U/mg)	196.00000 U/mg
Enzyme activity(enzyme powder)	≥20(U/mg)	51.70000 U/mg
Purity(SDS-PAGE)	90-100(%)	95.00000 %
Appearance(D1522977)	White lyophilized powder	White lyophilized powder



Sophia Cheng
Quality Assurance