

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2026-05-07 14:47:33
Date of Next Testing:	2028-05-06 14:47:33
Product Name:	Recombinant Alcohol Dehydrogenase (ADH)
Lot #:	ZJ26F0435050
SKU #:	rp226533
Version:	1
Analysis #:	020505
Source:	Recombinant
Specifications & Purity:	Bioactive, High performance, ActiBioPure™, EnzymoPure™, ≥90% (SDS-PAGE), ≥100 U/mg protein
Concentration:	50.3 U/mg powder
Formulation:	Lyophilized
Reconstitution:	Reconstitute in sterile water to a concentration of less than 5.0 mg/mL.
Storage Conditions:	Store at -20°C, Protected from light, Desiccated, Avoid repeated freeze-thaw cycles
Analysis:	020505

Parameter	Limit Value	Result
Unit enzyme activity (enzyme powder)	≥20(U/mg)	50.30000 U/mg
Appearance(rp226533)	White amorphous powder	White amorphous powder
Unit enzyme activity ≥100 U/mg protein	Conform	Conform
Purity(SDS-PAGE) ≥90%	Conform	Conform
Accelerated Stability (37°C, 7days) ≥90%	Conform	Conform
Solubility	Conform	Conform



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 Sophia Cheng  
 Quality Assurance