

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-17 15:06:11
Date of Next Testing:	2027-06-10 15:06:11
Product Name:	Recombinant Glucose Dehydrogenase (GDH-FAD)
Lot #:	ZJ25F1230348
SKU #:	R1505805
Version:	1
Analysis #:	025991
Source:	Recombinant
Specifications & Purity:	Bioactive, Recombinant, High performance, ActiBioPure™, EnzymoPure™, ≥90% (SDS-PAGE), ≥450 U/mg enzyme powder
Concentration:	540.3 U/mg enzyme powder
Formulation:	Lyophilized
Reconstitution:	Reconstitute in water.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	025991

Parameter	Limit Value	Result
Enzyme activity(enzyme powder)	≥450(U/mg)	540.30000 U/mg
Appearance(R1505805)	Yellow amorphous powder, lyophilized	Yellow amorphous powder, lyophilized
Solubility (10mg powder/mL)	Clear	Clear
Glucose dehydrogenase (NAD) ≤0.02%	Conform	Conform
Hexokinase ≤0.02%	Conform	Conform
α-Glucosidase ≤0.02%	Conform	Conform
Purity(SDS-PAGE) ≥90%	Conform	Conform



Sophia Cheng
Quality Assurance