

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-16 16:19:10
 Date of Next Testing: 2028-04-15 16:19:10
 Product Name: D-Lactate Dehydrogenase (LDHD)
 Lot #: ZJ26F0434296
 SKU #: R1506878
 Version: 1
 Analysis #: 030736
 Source: Recombinant
 Specifications & Purity: ActiBioPure™, Bioactive, Recombinant, High performance, EnzymoPure™, expressed in E.coli, ≥220 U/mg enzyme powder
 Concentration: 336.88 U/mg
 Formulation: Lyophilized
 Reconstitution: Reconstitute in 10 mM potassium dihydrogen phosphate, pH 7.0, contain 1 g/L BSA.
 Storage Conditions: Store at -20°C, Avoid repeated freeze-thaw cycles
 Analysis: 030736

Parameter	Limit Value	Result
Enzyme activity(enzyme powder)	≥220(U/mg)	336.88000 U/mg
NADH oxidase	≤0.001(%)	0.00012 %
Malate dehydrogenase	≤0.01(%)	0.00130 %
GOT	≤0.005(%)	0.00021 %
GPT	≤0.005(%)	0.00025 %
Myokinase	≤0.01(%)	0.00043 %
Pyruvate kinase	≤0.001(%)	0.00003 %
Appearance(R1506878)	White amorphous lyophilized powder	White amorphous lyophilized powder



Sophia Cheng
 Quality Assurance