

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Recombinant Lactate Dehydrogenase (LDH)
SKU #:	D649636
Version:	1
Source:	Recombinant
Specifications & Purity:	Bioactive, High performance, ActiBioPure™, EnzymoPure™, Recombinant, ≥90% (SDS-PAGE), ≥420U/mg enzyme powder
Concentration:	≥420U/mg enzyme powder
Formulation:	Lyophilized
Reconstitution:	
Storage Conditions:	Store at -20°C, Protected from light, Desiccated, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(D649636)	White amorphous powder, lyophilized
Purity(SDS-PAGE) ≥90%	Conform
Solubility (10mg powder/mL)	Clear
NADH/NADPH oxidase ≤0.01%	Conform
Malate dehydrogenase oxidase ≤0.005%	Conform
Pyruvate kinase ≤0.03%	Conform
Glutamate dehydrogenase ≤0.003%	Conform
Aspartate aminotransferase ≤0.001%	Conform
Alanine aminotransferase ≤0.001%	Conform
Enzyme activity(enzyme powder)	≥420(U/mg)