

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-15 14:44:38  
 Date of Next Testing: 2025-08-14 14:44:38  
 Product Name: **Lactate Dehydrogenase from Staphylococcus sp.**  
 CAS Number:  
 Specifications & Purity: EnzymoPure™, > 100U/mg  
 Lot #: K2110133  
 SKU #: **L139685**  
 Version: **0**  
 Analysis #: **264250**  
 Storage Temperature: Store at -20°C

| Parameter                                  | Limit Values                                    | Result                                          |
|--------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Protein content A280nm                     | 0.094-0.134 (OD/mg)                             | 0.12100 OD/mg                                   |
| Glutamic-pyruvic transaminase activity     | 0-0.005 (%)                                     | 0.00032 %                                       |
| Lactate Dehydrogenase activity             | ≥100 (U/mg)                                     | 138.00000 U/mg                                  |
| Glutamic-Oxaloacetic transaminase activity | 0-0.005 (%)                                     | 0.00021 %                                       |
| NADH oxidase activity                      | 0-0.0004 (%)                                    | 0.00007 %                                       |
| alpha-Ketoglutaric dehydrogenase activity  | 0-0.003 (%)                                     | 0.00013 %                                       |
| Appearance (L139685)                       | White to Off-White Powder or Lyophilized Powder | White to Off-White Powder or Lyophilized Powder |



John Su  
QA & QC Manager