

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-12 15:49:50

Date of Next Testing: 2025-09-11 15:49:50

Product Name: **Malate dehydrogenase (MDH) from Thermus sp.**

CAS Number: 9001-64-3

Specifications & Purity: Bioactive,ActiBioPure™,Native,High Performance,EnzymoPure™,≥100 U/mg enzyme powder

Lot #: H2131283

SKU #: **M139683**

Version: **0**

Analysis #: **329401**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
NADH oxidase activity	0-0.0004 (%)	0.00020 %
Protein content A280nm	0.27-0.31 (OD/mg)	0.29000 OD/mg
alpha-Ketoglutaric dehydrogenase activity	0-0.003 (%)	0.00200 %
Glutamic-Oxaloacetic transaminase activity	0-0.003 (%)	0.00210 %
Malate dehydrogenase activity	≥100 (U/mg)	112.00000 U/mg
Appearance (M139683)	White to Off-White Powder or Lyophilized Powder	White to Off-White Powder or Lyophilized Powder



John Su
QA & QC Manager