

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-17 14:46:05
Date of Next Testing: 2026-02-16 14:46:05
Product Name: **DL-Malic acid**
CAS Number: 6915-15-7
Specifications & Purity: Analytical Reagent, >99.0%(T)
Lot #: B2216384
SKU #: **M101126**
Analysis: **060464**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.72 %
Specific Rotation [α] ₂₀ /D(0.2g/mL in H ₂ O)	-0.1-0.1 (°)	-0.03°
Appearance (M101126)	White to Off-White Powder or Chunks	White to Off-White Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow, Clear ,50 mg/ml	pass	Pass



John Su
QA & QC Manager