

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 15:23:05

Date of Next Testing: 2029-05-19 15:23:05

Product Name: **DL-Malic acid**

CAS Number: 6915-15-7

Specifications & Purity: AR, ≥99%(T)

Lot #: H2113239

SKU #: **M101126**

Version: **0**

Analysis #: **511429**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.60000 %
Specific Rotation $[\alpha]_{20/D}(0.2g/mL \text{ in } H_2O)$	-0.1-0.1 (°)	-0.05000 °
Appearance (M101126)	White to Off-White Powder or Chunks or particle	White to Off-White Powder or Chunks or particle
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