

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-12 10:33:30

Date of Next Testing: 2029-09-11 10:33:30

Product Name: **DL-Malic acid**

CAS Number: 6915-15-7

Specifications & Purity: AR, ≥99%(T)

Lot #: I2503790

SKU # **M101126**

Version **0**

Analysis #: **563358**

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

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.77000 %
Specific Rotation $[\alpha]_{20/D}(0.2g/mL \text{ in } H_2O)$	-0.1-0.1 (°)	-0.02800 °
Appearance (M101126)	White to Off-White Powder or Chunks or particle	White to Off-White Powder or Chunks or particle
Solubility in H ₂ O , Colorless to Faint Yellow, Clear , 50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager