

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-15 16:23:58
 Date of Next Testing: 2028-11-14 16:23:58
 Product Name: **DL-Malic acid**
 CAS Number: 6915-15-7
 Specifications & Purity: AR, ≥99%(T)
 Lot #: K2411453
 SKU #: **M101126**
 Version: **0**
 Analysis #: **414592**
 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 [α] _{20/D} (0.2g/mL in H ₂ O)	-0.1-0.1 (°)	-0.06800 °
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