

## Certificate of Analysis

Date of Testing: 2024-07-26 13:14:02  
Date of Next Testing: 2028-07-25 13:14:02  
Product Name: **DL-Malic acid**  
CAS Number: 6915-15-7  
Specifications & Purity: Analytical Reagent, >99.0%(T)  
Lot #: G2417136  
SKU #: **M101126**  
Version: **0**  
Analysis #: **379685**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	100.06 %
Specific Rotation [α] <sub>20</sub> /D(0.2g/mL in H <sub>2</sub> O)	-0.1-0.1 (°)	-0.03 °
Appearance (M101126)	White to Off-White Powder or Chunks or particle	White to Off-White Powder or Chunks or particle
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow,Clear ,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager