

Certificate of Analysis

Date of Testing: 2022-06-09 18:47:03
Date of Next Testing: 2026-06-08 18:47:03
Product Name: **L-(-)-Malic acid**
CAS Number: 97-67-6
Specifications & Purity: 98%
Lot #: F2206399
SKU #: **M105695**
Analysis: **083174**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	101-105 (°C)	104.51000 °C
Purity(Neutralization titration)	98-102 (%)	98.30 %
Specific Rotation [α] _{20/D} (c=8.5 in H ₂ O)	-2.6--1.6 (°)	-1.94 °
Appearance (M105695)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager