

Certificate of Analysis

Date of Testing: 2022-06-09 23:27:40

Date of Next Testing: 2026-06-08 23:27:40

Product Name: **L-(-)-Malic acid**

CAS Number: 97-67-6

Specifications & Purity: 98%

Lot #: F2206396

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