



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **D-(+)-Malic acid**
Specifications & Purity: **99%**
SKU #: **M109342**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20/D}(c=8.5 \text{ in H}_2\text{O})$	1.6-2.6 (°)
Sulfate Ash	0-0.1 (%)
Water by Karl Fischer	0-0.5 (%)
Melting point	99-105 (°C)
Purity(Neutralization titration)	98.5-101.5 (%)
Appearance (M109342)	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure