

Certificate of Analysis**Product: Malic Acid Purified, FCC Grade, Kosher, Halal****Item Number: MAACGF****CAS#: 617-48-1****Grade: FCC****Lot Number: 5002154/1.1****Manufacture Date: 11/18/2025****Expiration Date: 11/17/2028****Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	99.0 - 100.5%	99.2%
Specific Rotation	-0.1 - +0.1	0
Melting Range	127 - 132°C	129°C
Water Insolubles	Max 0.1%	0.004%
Sulphated Ash	Max 0.1%	0.05%
Fumaric Acid	Max 1.0%	0.72%
Maleic Acid	Max 0.05%	0.03%
Heavy Metals	Max 10 ppm	<10 ppm
Arsenic	Max 2 ppm	<2 ppm
Lead	Max 2 ppm	<2 ppm
Mercury	Max 1 ppm	<1 ppm
Identification Test	In absorption	Conformed

Store in a cool, dry, and well-ventilated environment.

[Malic Acid Purified, FCC Grade, Kosher, Halal](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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