



Mon-Droguiste.Com

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# CERTIFICATE OF ANALYSIS

Mar. 16, 2026

Product Name : DL-Malic Acid  
Lot No. : 4125114

Particle Size : Fine Granular

Total quantity : 30,875 kg

TEST ITEM	SPECIFICATION	RESULT
Description	White or nearly white, crystalline powder or granule.	Pass
Identification	To pass test	Pass
Assay	99.0 - 100.5%	99.9
Residue on Ignition(JSFA)	NMT 0.05%	0.01
Water-Insoluble Matter	NMT 0.1%	Pass
Specific Rotation $[\alpha]_D^{25}$	- 0.10 - + 0.10°	-0.02
Fumaric Acid	NMT 1.0%	0.9
Maleic Acid	NMT 0.05%	0.04
Arsenic (as As <sub>2</sub> O <sub>3</sub> )	NMT 2 mg/kg	Pass
Lead	NMT 2 mg/kg	Pass
Copper	NMT 50 mg/kg	Pass
Zinc	NMT 25 mg/kg	Pass
Mercury	NMT 1 mg/kg	Pass
Sulphated Ash(FCC)	NMT 0.1%	Pass
Water	NMT 0.3%	0.1
Melting Point	127 - 132°C	130
Manufacturing Date		Nov. 29, 2025
Expiry Date		Nov. 28, 2030
Quantity	25 kg × 1,235	B/G

Conformed to the specification of Food Chemicals Codex XII

We hereby certify that the above test results are true and correct.