



Mon-Droguiste.Com
39 Bis Rue Du Moulin Rouge
10150 Charmont Sous Barbuise
Tél : +33.(0)3.25.41.04.05
Email : contact@mon-droguiste.com
Web : www.mon-droguiste.com

Quality certificate

Date 24.02.2022 Page 1 / 2
Shipping date 24.02.2022
Customer id 384390
CMR
3223102525
Purchase order / Date
CA21019614 / 17.01.2022
License plate (CMR)
WL8512S/WGM5670P

Material MALIC ACID POWDER

Lot Number SFU222043P Production date: 12.02.2022
Control/Certificate: 790000631112 / 3000151476

Characteristic	Unit	Value	Limit lower	Limit higher
Method				
Appearance crystals GM037		white or nearly white crystals		white or nearly white
Fumaric acid GM001 all.03	% w/w	0,59	0,00	1,00
Maleic acid GM001 all.03	% w/w	0,022	0,000	0,050
through 60 mesh (250µm) GM030	% w/w	94,8	90,0	100,0
IR identity (1) GM006 all.01		conform to std		conform to std
specific rotation at 25°C (2)		-0.10° + +0.10°		-0.10° + +0.10°
MALATE TEST (2)		passes test		passes test
melting range (1) GM027 all.01		128°C + 132°C		128°C + 132°C
Mercury (1) GM008		<1 ppm		<1 ppm
Water insoluble matter (1) GM038 all.01		<0.1%		<0.1%



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Characteristic	Unit	Value	Limit lower	Limit higher
Method				
Heavy metals as Pb (1) GM008		< 20 ppm		< 20 ppm
Lead (1) GM008		< 2 ppm		< 2 ppm
Arsenic (1) GM008		< 3 ppm		< 3 ppm
taste and odor (1) GM037 all.01		characteristic		characteristic
Assay GM005 all.29	% w/w	99,92	99,00	100,50
Sulphated ash (1) GM015 all.01		< 0,1%		< 0,1%

NOTES:

MALIC ACID COMPLIES WITH
THE CURRENT EDITION OF:US FCC,
USP-NF.

- (1) This analysis is performed on regular basis
(2) This analysis is performed on regular basis
by an external laboratory

Responsible:
Federica Lomboni (Scanzorosciate)