



**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 19.05.2022 Page 1 / 2  
Shipping date 19.05.2022  
Customer id 384390  
CMR  
3223107477  
Purchase order / Date  
CA20007783 / 25.02.2021  
License plate (CMR)  
OY738-KFV580

Material MALIC ACID POWDER

Lot Number SFU222132P Production date: 12.05.2022

Expired date: 12.05.2025

Control/Certificate: 790000637165 / 3000154348

Characteristic	Unit	Value	Limit lower	Limit higher
<b>Method</b>				
Appearance crystals GM037		white or nearly white crystals		white or nearly white
Fumaric acid GM001 all.03	% w/w	0,74	0,00	1,00
Maleic acid GM001 all.03	% w/w	0,043	0,000	0,050
through 60 mesh (250µm) GM030	% w/w	94,0	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



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Characteristic	Unit	Value	Limit lower	Limit higher
<i>Method</i>				
Water insoluble matter (1) GM038 all.01		<0,1%		<0,1%
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	99,57	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)