



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	68589 - Maleic Acid extrapure AR, ExiPlus, Multi-Compendial, 99.5% - [110-16-7]
Batch No	3514072
Analysis Date	11-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	C4H4O4
Molecular Weight	116.08

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP IP,EP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 99.5%	99.7%
Water (KF)	max. 0.5%	0.4%
Sulphated Ash	max. 0.1%	0.01%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO4)	max. 0.001%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Cadmium (Cd)	max. 0.0001%	Passes
Calcium (Ca)	max. 0.0005%	Passes
Magnesium (Mg)	max. 0.0005%	Passes
Potassium (K)	max. 0.002%	Passes
Sodium (Na)	max. 0.002%	Passes
Zinc (Zn)	max. 0.0005%	Passes
Water Insoluble matter	max. 0.005%	0.002%
Identification (IR Spectrum)	Passes test	Passes
Identification Test	Passes test	Passes
Fumaric acid	max. 0.5%	Passes
Malic acid	max. 0.5%	Passes

FRM/82/11/4/68589 Rev No. 3 Date 30/08/2022

Prepared by Priti

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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Test Parameters

Standards

Actual Results

Residue on ignition

max. 0.1%

0.02%

Clarity of alcohol solution

Passes test

Passes

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