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Certificate of Analysis

Product	16842 - Citric Acid Anhydrous extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [77-92-9]
Batch No	3244890
Analysis Date	25-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C6H8O7
Molecular Weight	192.13

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur, USP	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%
Insoluble matter	max. 0.003%	0.002%
Sulphated Ash	max. 0.01%	0.01%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.002%	Passes
Phosphate (PO4)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Calcium (Ca)	max. 0.002%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Nickel (Ni)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00005%	Passes
Arsenic (As)	max. 0.00001%	Passes
Oxalate (C2O4)	max. 0.005%	Passes
Readily carbonisable substances	Passes test	Passes

FRM/82/11/4/16842 Rev No. 2 Date 05/07/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 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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