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CERTIFICATE OF ANALYSIS

NAME OF PRODUCT: CITRIC ACID MONOHYDRATE IP

BATCH NO.

Solubility

IP/01481222/29

DEC. 2022

NOV. 2025

LICENCE NO.: KD-40

TOTAL QTY.: 475.7 Kg.

LAB ID

: PHFP/2223/0144

Complies.

Complies.

ANALYSIS DATE

MFG. DATE

EXP. DATE

11.12.2022

TEST	ATTRIBUTE	ACTUAL
	the state of the s	

Description Colourless crystals or a white,

crystalline powder; slightly efflorescent in warm, dry air.

Very soluble in water, freely soluble

in ethanol (95%); sparingly soluble

in ether.

Identification A) Infrared absorption Complies.

spectrophotometry - Conforms.

B) Gives reaction A of citrates. Complies. C) A 10.0% w/v solution is Complies.

strongly acidic.

Appearance of solution The solution is clear and Complies.

(2.0gm in 10 ml of water)

not more intensely

coloured than reference

solution YS7, BYS7 or GYS7 Arsenic Max. 1 ppm < 1 ppm To pass the test. Complies. Barium Max. 200 ppm < 200 ppm Calcium Heavy metals (Pb) Max. 10 ppm < 10 ppmMax. 50 ppm < 50 ppm Iron Chloride Max. 50 ppm < 50 ppm Sulphate Max.150 ppm < 150 ppm

Oxalic acid To pass the test.

Readily carbonisable To pass the test.

Substances

Max. 0.1 % 0.04% Sulphated ash 7.5 to 9.0 % 8.33% Water NLT 99.0 and NMT 101.0% 100.03% Assay

(C₆H₈O₇,calc.on the anhydrous basis)

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF IP STANDARD.

This product is manufactured at our manufacturing unit no. 1 (Boisar).

FOR S D FINE-CHEM LIMITED

CODE NO.: 20081IP

MANAGER (QC)

F-L-QC09-06.DOC

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Complies.

Complies.

QUALITY CONTROL DEPARTMENT

Manufacturing Unit No. 1 : E27/E28, MIDC, Tarapur Industrial Area, B-Road, Boisar-401 506 Manufacturing Unit No. 2 : Survey No. 299, Poicha-391 780, Taluka Savli, Dist. : Baroda