



Administrative Office: 1502, Marathon Icon, Marathon Nextgen, Veer Santaji Marg, Lower Parel, Mumbai-400013

Registered Office : 315 T.V. Ind. Estate, Worli, Mumbai-400030 India

Phone : 022-24814444 e-mail : technical@sdfine.com Website : www.sdfine.com

CERTIFICATE OF ANALYSIS

NAME OF PRODUCT : CITRIC ACID MONOHYDRATE IP	
BATCH NO. : IP/01990223/29	LICENCE NO.: KD-40
MFG. DATE : FEB. 2023	TOTAL QTY. : 753 Kg.
EXP. DATE : JAN. 2026	LAB ID : PHFP/2223/0199
ANALYSIS DATE : 28.02.2023	

TEST	ATTRIBUTE	ACTUAL
Description	Colourless crystals or a white, crystalline powder; slightly efflorescent in warm, dry air.	Complies
Solubility	Very soluble in water, freely soluble in ethanol(95 %); sparingly soluble in ether.	Complies
Assay (C ₆ H ₈ O ₇ , calc. on the anhydrous basis)	NLT 99.0% and NMT 101.0%	100.12%
Identification	A) Infrared absorption spectrophotometry - Conforms. B) Gives reaction A of citrates. C) A 10.0% w/v solution is strongly acidic.	Complies Complies Complies
Appearance of solution. (2.0gm in 10 ml of water)	The solution is clear and not more intensely coloured than reference solution YS7, BYS7 or GYS7.	Complies
Arsenic	Max. 1 ppm	< 1 ppm
Barium	To pass the test.	Complies
Calcium	Max. 200 ppm	< 200 ppm
Chloride	Max. 50 ppm	< 50 ppm
Sulphate	Max.150 ppm	< 150 ppm
Sulphated ash	Max. 0.1%	0.05%
Water	7.5 to 9.0 %	8.65%
Iron	Max. 50 ppm	< 50 ppm
Heavy metals (Pb)	Max. 10 ppm	< 10 ppm
Oxalic acid	To pass the test.	Complies
Readily carbonisable Substances	To pass the test.	Complies

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF IP STANDARD.
This product is manufactured at our manufacturing unit no. 1 (Boisar).

CODE NO. : 20081IP

FOR S D FINE-CHEM LIMITED


MANAGER (QC)