

### CERTIFICATE OF ANALYSIS

NAME OF PRODUCT :	CITRIC ACID MONOHYDRATE BP LICENCE NO.:	KD-40
BATCH NO. :	BP/01370719/48	TOTAL QTY. : 1004 Kg.
MFG. DATE :	JULY 2019	LAB ID : PHFP/1920/0136
EXP. DATE :	JUNE 2022	ANALYSIS DATE : 23.07.2019

<u>TEST</u>	<u>ATTRIBUTE</u>	<u>ACTUAL</u>
Description	White or almost white, crystalline powder, colourless crystals or granules, efflorescent.	Complies.
Solubility	Very soluble in water, freely soluble in ethanol (96 %).	Complies.
Identification	A) The solution is strongly acidic	Complies.
	B) Infrared absorption spectrophotometry - Conforms.	Complies.
	C) A red colour develops.	Complies.
	D) A white precipitate is formed.	Complies.
	E) Water - 7.5 to 9.0%	8.38%
Appearance of solution (2.0gm in 10 ml of water)	The solution is clear and colourless or not more intensely coloured than reference solution Y7, BY7 or GY7	Complies.
Oxalic acid	Max. 360 ppm	< 360 ppm
Readily carbonisable substances	To pass the test	Complies.
Sulphates	Max. 150 ppm	< 150 ppm
Sulphated ash	Max. 0.1%	0.03%
Water	7.5 - 9.0%	8.38%
Assay (anhydrous substance).	99.5 - 100.5%	100.15%

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF BP STD.

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

CODE NO. : 20081BP

**FOR S D FINE-CHEM LIMITED**

  
**MANAGER (QC)**

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**QUALITY CONTROL DEPARTMENT**