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Annexe
CHEM PVT. LTD.

Plot no. 1116/P, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control

Standard Test Specifications

Title: Citric Acid Monohydrate Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/003

Revision No.:
00

Effective Date
19/07/2021

Review Date
18/07/2024


Change Control No.

NA

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Date: 15/07/2021

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Quality Control**Standard Test Specifications****Title: Citric Acid Monohydrate Food Grade****Page No.:** 2 of 3**Specification No.:**
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1.0 SAMPLING LEVEL :

As mentioned in the “Sampling procedure” SOP.

2.0 SAMPLING METHOD TO BE FOLLOWED:

100% sampling to be done from each container.

3.0 TOTAL COMPOSITE SAMPLE TO BE COLLECTED:

100 gm

4.0 EXPIRY :

Five years from the Date of Manufacturing.

5.0 CAS No: 5949-29-1**6.0 MOLECULAR FORMULA:** C₆H₅O₇.H₂O**7.0 MOLECULAR WEIGHT:** 210.1 gm/mol.**8.0 CATEGORY:** Pharmaceutical aid.**9.0 STORAGE:** Store protected from moisture.**10.0 SAFETY PRECAUTIONS TO BE TAKEN WHILE SAMPLING AND HANDLING:**

Use hand gloves, goggles and apron during Handling.

11.0 CONTROL SAMPLE: 3 X 100gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  19/07/2021

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**TEST PARAMETERS AND SPECIFICATIONS
REF: FOOD GRADE**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline powder, colorless crystals or granules, efflorescent.
2.	Solubility	Very soluble in water, freely soluble in ethanol (96%).
3.	Insoluble matter	Max. 50 ppm
4.	Residue after ignition	Max. 200 ppm
5.	Chloride as Cl	Max. 10 ppm
6.	Oxalate as C ₂ O ₄	Passes the Test
7.	Phosphate as PO ₄	Max. 10 ppm
8.	Sulphate as SO ₄	Max. 20 ppm
9.	Iron as Fe	Max. 3 ppm
10.	Lead as Pb	NMT 2 ppm
11.	Substances Carbonizable by hot sulfuric acid	To Pass test
12.	Assay (By acid – base titrimetry)	Min. 99.0 % to Max. 102.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	19/07/2021	First Issuance	N A

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