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

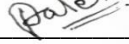
**Quality Control**

**Standard Test Specifications**

**Title: Citric Acid Anhydrous USP**

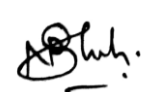
**Page No.: 1 of 3**

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/023	00	17/07/2021	16/07/2024
Change Control No.	NA		

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Date: 14/07/2021

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Date: 15/07/2021

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Date: 16/07/2021

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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: 77-92-9****6.0 MOLECULAR FORMULA: C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>.****7.0 MOLECULAR WEIGHT: 192.12 gm/mol.****8.0 CATEGORY: Pharmaceutical aid.****9.0 STORAGE: Containers - Tight containers.****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) :**

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**TEST PARAMETERS AND SPECIFICATIONS****REF: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	Colorless crystals, white granules or crystalline powder.
2.	<b>Identification</b> Spectroscopic Identification Tests , Infrared Spectroscopy	To pass test
3.	Assay (dried basis)	99.5% - 100.5%
4.	Residue on ignition	Max. 0.1 %
5.	Sulfate (SO <sub>4</sub> )	Max. 150 ppm
6.	Limit of Aluminum	Max. 0.2 ppm
7.	Limit of Oxalic Acid	Max. 360 ppm
8.	Bacterial Endotoxins Test	To Pass test
9.	Clarity of Solution	The Sample solution shows the same clarity as that of water or its opalescence is not more pronounced than Standard suspension.
10.	Color of Solution	To Pass test
11.	Readily carbonisable substances	To Pass test
12.	Sterility Tests	To Pass test
13.	Water Determination	Max. 1.0 %

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	17/07/2021	First Issuance	N A

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