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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 BP**

**Page No.: 1 of 4**

**Specification No.:**  
ACPL/FP/SP/023

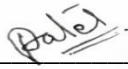
**Revision No.:**  
00

**Effective Date**  
16/07/2021

**Review Date**  
15/07/2024

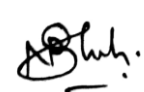
**Change Control No.**

NA

Prepared By: 


Date: 13/07/2021

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Reviewed By: 

Date: 14/07/2021

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Date: 15/07/2021

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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: 192.1 gm/mol.****8.0 CATEGORY: Pharmaceutical aid.****9.0 STORAGE: Preserve in well-closed 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: BP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder, colorless crystals or granules.
2.	Solubility	Very soluble in water, freely soluble in ethanol (96 %).
3.	Melting Point (With decomposition)	About 153°C
4.	<b>Identification A</b> The solution is strongly acidic	To pass test
	<b>Identification B</b> Comparison	To pass test
	<b>Identification C</b> A red colour develops	To pass test
	<b>Identification D</b> A white precipitate is formed	To pass test
	<b>Identification E</b> Water (See)	To pass test
5.	Appearance of Solution	The solution is clear and colorless or not more intensely colored than reference solution Y <sub>7</sub> , BY <sub>7</sub> or GY <sub>7</sub>
6.	Readily carbonisable substances	To pass test
7.	Oxalic acid	Max. 360 ppm
8.	Sulfate (SO <sub>4</sub> )	Max. 150 ppm
9.	Aluminium	Max. 0.2 ppm

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10.	Water	Max. 1.0 %
11.	Sulfated Ash	Max. 0.1 %
12.	Bacterial endotoxins	Less than 0.5 IU/mg
13.	Assay (dried basis)	99.5% - 100.5%

**REVISION HISTORY:**

<b>Revision No.</b>	<b>Effective Date</b>	<b>Revision Description</b>	<b>Change Control No.</b>
00	16/07/2021	First Issuance	N A

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