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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: Sodium Citrate Anhydrous Food Grade**

**Page No.: 1 of 3**

**Specification No.:**  
ACPL/FP/SP/067


**Revision No.:**  
00

**Effective Date**  
28/08/2021

**Review Date**  
27/08/2024

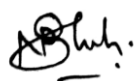
**Change Control No.**

NA

Prepared By: 


Date: 25/08/2021

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Reviewed By: 

Date: 26/08/2021

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Date: 27/08/2021

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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:** 68-04-2**6.0 MOLECULAR FORMULA:** C<sub>6</sub>H<sub>5</sub>Na<sub>3</sub>O<sub>7</sub>.**7.0 MOLECULAR WEIGHT:** 258.07 gm/mol.**8.0 CATEGORY:** Excipient.**9.0 STORAGE:** Preserve in 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 100 gm.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**

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

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White To Extra White Crystalline Powder
2.	Solubility	Soluble In Water And Very Soluble In Boiling Water
3.	Identification Test for Sodium and Citrate	To Pass test
4.	Appearance Of Solution	10 % W/v Solution is Clear And Colorless
5.	Alkalinity	To Pass test
6.	Water	Max. 1.0 %
7.	Assay (On Anhydrous Basis)	99.0 % To 100.50 % of $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7$

**REVISION HISTORY:**

Revision No.	Effective Date	Revision Description	Change Control No.
00	28/08/2021	First Issuance	N A

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28/08/2021