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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 Dihydrate AR

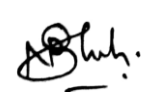
Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/011	00	30/08/2021	29/08/2024
Change Control No.	NA		

Prepared By: 


Date: 26/08/2021

Name : Pankaj Patel
(QC Officer / Designee)

Reviewed By: 

Date: 27/08/2021

Name : Nilesh Shah
(Unit Head / Designee)

Approved By: 

Date: 28/08/2021

Name : Naresh Solanki
(QA/QC In Charge / Designee)

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Format No. QC/017/F/01-00

Certified By (Sign/Date) :  30/08/2021

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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 RETEST DATE: Three year**5.0 CAS No:** 6132-04-3**6.0 MOLECULAR FORMULA:** $C_6H_5Na_3O_7 \cdot 2H_2O$.**7.0 MOLECULAR WEIGHT:** 294.1gm/mol.**8.0 CATEGORY:** Systemic alkalizing substance.**9.0 STORAGE:** In an airtight container.**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) :**  30/08/2021

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NA

TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white, crystalline powder
2.	Solubility	Soluble in water
3.	pH	Min. 8.5
4.	Substance Insoluble in Water	Max. 30 ppm
5.	Chloride as Cl	Max. 10 ppm
6.	Sulphate as SO ₄	Max. 30 ppm
7.	Phosphate as PO ₄	Max. 20 ppm
8.	Oxalate	Max. 100 ppm
9.	Total Nitrogen	Max. 10 ppm
10.	Arsenic as (As)	Max. 0.4 ppm
11.	Copper as Cu	Max. 0.5 ppm
12.	Heavy Metals (Pb)	Max. 5 ppm
13.	Iron as Fe	Max. 5 ppm
14.	Potassium as K	Max. 100 ppm
15.	Readily Carbonisable Substances	Passes Test
16.	Reducing Substances	Passes Test
17.	Assay	Min. 99.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	30/08/2021	First Issuance	N A

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