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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 IP


Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/011	00	31/08/2021	30/08/2024
Change Control No.	NA		

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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: 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 alkalinising substance..**9.0 STORAGE:** Store protected from light.**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**

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TEST PARAMETERS AND SPECIFICATIONS**REF: IP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White, granular crystals or a White Crystalline; odorless, slightly deliquescent in moist air.
2.	Identification A Gives the reactions of sodium salt and reactions citrates.	To pass test
3.	Appearance of Solution (10 % Soln.)	Solution is clear & colorless
4.	Acidity or alkalinity	To Pass Test
5.	Arsenic(As)	Max. 2.0 ppm
6.	Heavy metals	Max. 10 ppm
7.	Chlorides (Cl)	Max. 100 ppm
8.	Oxalate(as anhydrous oxalic acid)	Max. 300 ppm
9.	Sulfates (SO ₄)	Max. 150 ppm
10.	Tartrate	To pass test
11.	Readily carbonisable substances	The solution is not more intensely colored than reference solution YS ₂ or GYS ₂ .
12.	Water	11.0 % to 13.0 %
13.	Assay %(Dried Basis)	99.0 % to 101.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	31/08/2021	First Issuance	N A

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