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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 Acetate Trihydrate AR


Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/041	00	23/08/2021	22/08/2024
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 RETEST DATE :Three year

5.0 CAS No: 6131-90-4

6.0 MOLECULAR FORMULA: C₂H₃NaO₂.3H₂O.

7.0 MOLECULAR WEIGHT: 136.1 gm/mol.

8.0 CATEGORY: Excipient.

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 100 gm.

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NA

TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or colorless crystals.
2.	Solubility	Soluble in water.
3.	pH (5% Aqueous solution)	7.5 - 9.0
4.	Water Insoluble Matter	Max. 10 ppm
5.	Chloride (Cl)	Max. 5 ppm
6.	Sulphate (SO ₄)	Max. 20 ppm
7.	Phosphate (PO ₄)	Max. 2 ppm
8.	Total Nitrogen	Max. 10 ppm
9.	Aluminum (Al)	Max. 5 ppm
10.	Calcium (Ca)	Max. 10 ppm
11.	Copper (Cu)	Max. 5 ppm
12.	Iron (Fe)	Max. 5 ppm
13.	Lead (Pb)	Max. 5 ppm
14.	Magnesium (Mg)	Max. 5 ppm
15.	Potassium (K)	Max. 50 ppm
16.	KMnO ₄ reducing substance	Max. 0.005 %
17.	Assay	Min. 99.5 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	23/08/2021	First Issuance	N A

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