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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 LR


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: $C_2H_3NaO_2 \cdot 3H_2O$.

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: LR**

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)	7.0 - 9.0
4.	Chloride (Cl)	Max. 50 ppm
5.	Sulphate (SO ₄)	Max. 200 ppm
6.	Potassium (K)	Max. 0.1 %
7.	Heavy Metal (as Pb)	Max. 20 ppm
8.	Assay %	99.0 % to 102.0 %

REVISION HISTORY:

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

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