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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 Anhydrous USP


Page No.: 1 of 3

| Specification No.: | Revision No.: | Effective Date | Review Date |
|--------------------|---------------|----------------|-------------|
| ACPL/FP/SP/040 | 00 | 24/08/2021 | 23/08/2024 |
| 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: 127-09-3

6.0 MOLECULAR FORMULA: CH₃COONa

7.0 MOLECULAR WEIGHT: 82.03 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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: USP**

| Sr. No. | TEST PARAMETER | SPECIFICATION |
|---------|---|--|
| 1. | Appearance | White or almost white, crystalline powder. |
| 2. | Solubility | Soluble in water |
| 3. | Identification A Test for sodium. Identification C Test for acetates | To Pass test To Pass test |
| 4. | Assay % (Dried Basis) | 99.0 % to 101.0 % |
| 5. | Chlorides (Cl) | Max. 350 ppm |
| 6. | Sulfates (SO ₄) | Max. 50 ppm |
| 7. | Calcium and Magnesium | To Pass test |
| 8. | Potassium | To Pass test |
| 9. | Aluminium (Al) | Max. 0.2 µg/g |
| 10. | pH | 7.5 – 9.2 |
| 11. | Loss on Drying | Max. 1.0 % |
| 12. | Insoluble Matter | Max. 0.05 % |

REVISION HISTORY:

| Revision No. | Effective Date | Revision Description | Change Control No. |
|--------------|----------------|----------------------|--------------------|
| 00 | 24/08/2021 | First Issuance | N A |

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