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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: Potassium Acetate BP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/066

Revision No.:
00

Effective Date
09/08/2021

Review Date
08/08/2024


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: 127-08-2

6.0 MOLECULAR FORMULA: C₂H₃KO₂

7.0 MOLECULAR WEIGHT: 98.1 gm/mol.

8.0 CATEGORY: Excipients.

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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TEST PARAMETERS AND SPECIFICATIONS**REF: BP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Appearance	White or almost white, crystalline powder or colorless crystals, deliquescent
2.	Solubility	Very soluble in water, freely soluble in ethanol (96 %).
3.	Identification A It gives reaction of acetates Identification B It gives reaction of potassium	To Pass test To Pass test
4.	Appearance of Solution	The solution is clear and colorless
5.	pH	7.5 to 9.0.
6.	Reducing substances	To Pass test (The solution remains pink)
7.	Chlorides	Max. 200 ppm
8.	Sulfates	Max. 200 ppm
9.	Aluminium	Max. 1 ppm
10.	Iron	Max. 20 ppm
11.	Sodium	Max. 0.5 %
12.	Loss on drying	Max. 3.0 %
13.	Assay % (Dried substance)	99.0 % - 101.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	09/08/2021	First Issuance	N A

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