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Plot no. 1116, Lamadapura Road,
Manjusar – 391 775,
Ta- Savli, Dist. Vadodara, Gujarat, India

Quality Control

Standard Test Specifications

Title: Potassium Chloride IP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/035


Revision No.:
00

Effective Date
14/08/2021

Review Date
13/08/2024


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: 7447-40-7

6.0 MOLECULAR FORMULA: KCl

7.0 MOLECULAR WEIGHT: 74.6 gm/mol.

8.0 CATEGORY: Electrolyte replenisher.

9.0 STORAGE: Store protected from moisture.

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.

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TEST PARAMETERS AND SPECIFICATIONS**REF: IP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless crystals or a white, crystalline powder, odorless
2.	Identification The solution A gives the reactions of potassium salts and chloride.	To pass test
3.	Appearance of Solution (10% Soln.)	Solution is clear & colorless
4.	Acidity or alkalinity	To Pass test
5.	Arsenic (As)	Max. 1 ppm
6.	Barium	To Pass test
7.	Heavy metals	Max. 10 ppm
8.	Calcium And Magnesium	To Pass test
9.	Iron (Fe)	Max. 20 ppm
10.	Bromide	Max. 0.1 %
11.	Iodides	To Pass test
12.	Sulphates (SO ₄)	Max. 300 ppm
13.	Loss on drying	Max. 1 %
14.	Assay %	99.0 % to 100.5 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	14/08/2021	First Issuance	N A

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