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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 Chloride JP

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/035

Revision No.:
00

Effective Date
16/08/2021

Review Date
15/08/2024

Change Control No.

NA

Prepared By: Pankaj Patel

Date: 12/08/2021

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Date: 13/08/2021

Name : Nilesh Shah
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Date: 14/08/2021

Name : Naresh Solanki
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Format No. QC/017/F/01-00

Certified By (Sign/Date) : Naresh Solanki 16/08/2021

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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: 74.55 gm/mol.

8.0 CATEGORY: Used in prevention and treatment of potassium deficiency and electrolyte imbalance.

9.0 STORAGE: In 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 100gm.

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TEST PARAMETERS AND SPECIFICATIONS

REF: JP

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless or white crystals or crystalline powder.
2.	Solubility	It is freely soluble in water, and practically insoluble in ethanol (95%) and in diethyl ether.
3.	Identification Qualitative Tests for potassium salt and for chloride	To pass test
4.	Appearance of Solution	Solution is clear & colorless
5.	Acidity or Alkalinity	To pass test
6.	Bromides	To pass test
7.	Iodides	To pass test
8.	Heavy metals	Max. 5 ppm
9.	Calcium and magnesium	To pass test
10.	Sodium	To pass test
11.	Arsenic	Max. 2 ppm
12.	Loss on drying (130°C for 2 hr.)	Max. 0.5 %
13.	Assay(Dried basis)	Min. 99.0 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	16/08/2021	First Issuance	N A

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