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

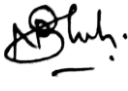
Quality Control

Standard Test Specifications

Title: Potassium Chloride AR			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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Date: 11/08/2021

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Date: 12/08/2021

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Date: 13/08/2021

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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 RETEST DATE: Three years

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: AR

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Colorless or white crystals or crystalline powder
2.	Solubility	Soluble in water
3.	pH (5% aqueous solution)	5.4 – 8.6
4.	Iodide (I)	Max. 50 ppm
5.	Bromide (Br)	Max. 100 ppm
6.	Phosphate (PO ₄)	Max. 10 ppm
7.	Sulfate (SO ₄)	Max. 20 ppm
8.	Barium (Ba)	Max. 10 ppm
9.	Heavy metals (as Pb)	Max. 5 ppm
10.	Iron (Fe)	Max. 5 ppm
11.	Calcium (Ca)	Max. 20 ppm
12.	Magnesium (Mg)	Max. 10 ppm
13.	Sodium (Na)	Max. 50 ppm
14.	Assay(Dried basis)	99.0 % –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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