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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 Food Grade

Page No.: 1 of 3

Specification No.:
ACPL/FP/SP/035

Revision No.:
00

Effective Date
14/08/2021

Review Date
13/08/2024

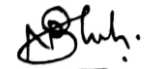
Change Control No.

NA

Prepared By: 


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: FOOD GRADE

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Solid
2.	Solubility	Soluble in water
3.	Identification Gives test for Potassium and Chloride	To Pass test
4.	Acidity or Alkalinity	To Pass test
5.	Heavy Metals (as Pb)	Max. 5 ppm
6.	Iodide and/or Bromide	To Pass Test
7.	Loss on Drying	Max. 1.0%
8.	Assay (Dry Basis) (By Titrimetry)	Min. 99.0%

REVISION HISTORY:

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

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