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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 LR

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 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: LR

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Crystalline Powder, Odorless
2.	Solubility	Freely Soluble in water; Sparingly soluble in Ethanol (95%)
3.	Matter Insoluble In Water	Clear & colorless solution (10% KCl w/w)
4.	Acidity Or Alkalinity	To pass test
5.	Barium	To pass test
6.	Arsenic	Max. 1 ppm
7.	Iron	Max. 10 ppm
8.	Calcium & Magnesium	Max. 200 ppm
9.	Sulphate	Max. 300 ppm
10.	Heavy Metal	Max. 5 ppm
11.	Bromide	Max. 100 ppm
12.	Iodide	To pass test
13.	Loss On Drying	Max. 0.5%
14.	Assay (Dry Basis)	Min. 99.5%

REVISION HISTORY:

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

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