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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: Sodium Chloride AR

Page No.: 1 of 4

Specification No.:
ACPL/FP/SP/010

Revision No.:
00

Effective Date
25/06/2021

Review Date
24/06/2024


Change Control No.

NA

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Quality Control**Standard Test Specifications****Title: Sodium Chloride AR****Page No.: 2 of 4****Specification No.:**
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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 year**5.0 CAS No:** 7647-14-5**6.0 MOLECULAR FORMULA:** NaCl**7.0 MOLECULAR WEIGHT:** 58.44 gm/mol.**8.0 CATEGORY:** Used in treatment of electrolyte deficiency.**9.0 STORAGE:** In a non-metallic, 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.**UNCONTROLLED COPY****Format No.** QC/017/F/01-00**Certified By (Sign/Date) :**  25/06/2021

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TEST PARAMETERS AND SPECIFICATIONS**REF: AR**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white crystalline powder
2.	Solubility	Soluble in water
3.	pH of a 5% solution	5.0 to 8.0
4.	Insoluble Matter	Max. 30 ppm
5.	Bromide & Iodide (as Br)	Max. 50 ppm
6.	Ferrocyanide	Max. 1 ppm
7.	Phosphate (PO ₄)	Max. 5 ppm
8.	Sulfate (SO ₄)	Max. 20 ppm
9.	Total nitrogen	Max. 10 ppm
10.	Arsenic (As)	Max. 0.4 ppm
11.	Barium (Ba)	Max. 10 ppm
12.	Calcium (Ca)	Max. 20 ppm
13.	Copper (Cu)	Max. 2 ppm
14.	Iron (Fe)	Max. 2 ppm
15.	Lead (Pb)	Max. 2 ppm
16.	Potassium (K)	Max. 100 ppm
17.	Magnesium (Mg)	Max. 20 ppm

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18.	Assay	NLT 99.9%
19.	Loss on Drying (130°C)	Max. 0.5%

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	25/06/2021	First Issuance	N A

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