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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 IP**

**Page No.:** 1 of 3

**Specification No.:**  
ACPL/FP/SP/010

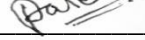
**Revision No.:**  
00

**Effective Date**  
25/06/2021

**Review Date**  
24/06/2024


**Change Control No.**

NA

Prepared By: 


Date: 22/06/2021

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Date: 23/06/2021

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Certified By (Sign/Date) :  25/06/2021

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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: 7647-14-5**

**6.0 MOLECULAR FORMULA: NaCl**

**7.0 MOLECULAR WEIGHT: 58.40 gm/mol.**

**8.0 CATEGORY: Pharmaceutical aid (tonicity agent); fluid and electrolyte replenisher.**

**9.0 STORAGE: Store protected light.**

**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: IP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or colorless crystals or white crystalline powder
2.	<b>Identification A</b> Give reaction of Chloride	To pass test
	<b>Identification B</b> Give reaction of Sodium salt	To pass test
3.	Appearance of Solution	Solution is clear & colorless
4.	Acidity or Alkalinity	NMT 0.5 ml of 0.01MHCl / NaOH
5.	Arsenic (As)	Max 1 ppm
6.	Barium (Ba)	To pass test
7.	Bromides	Max. 100 ppm
8.	Calcium & Magnesium(as Ca)	Max. 50 ppm
9.	Ferrocyanide	To pass test
10.	Heavy metals (as Pb)	Max. 5 ppm
11.	Iodide	To pass test
12.	Iron (Fe)	Max. 20 ppm
13.	Sulfate (SO <sub>4</sub> )	Max. 300 ppm
14.	Loss on drying (105°C)	Max. 1.0%
15.	Assay(dried basis)	NLT 99.0 % -NMT 100.5 %

**REVISION HISTORY:**

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

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