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

Quality Control

Standard Test Specifications

Title: Sodium Chloride USP

Page No.: 1 of 4

Specification No.:
ACPL/FP/SP/010

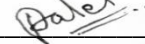
Revision No.:
00

Effective Date
03/07/2021

Review Date
02/07/2024

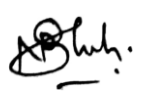
Change Control No.

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 EXPIRY:

Five years from the Date of Manufacturing.

5.0 CAS No: 7647-14-5

6.0 MOLECULAR FORMULA: NaCl

7.0 MOLECULAR WEIGHT: 58.44 gm/mol.

8.0 CATEGORY: Anti thyroid, antifungal, expectorant.

9.0 STORAGE: Preserve in well-closed containers.

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: USP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or colorless crystals or white crystalline powder
2.	Identification A Test for Sodium	To pass test
	Identification B Test for Chloride	To pass test
3.	Assay(dried basis)	99.0 % - 100.5 %
4.	Aluminum (Al)	Max 0.2 ppm
5.	Arsenic (As)	Max 1 ppm
6.	Barium (Ba)	To pass test
7.	Ferrocyanide	To pass test
8.	Iodides	To pass test
9.	Iron (Fe)	NMT 2 ppm
10.	Limit of Bromides	NMT 100 ppm
11.	Limit of Phosphate	NMT 25 ppm
12.	Limit of Potassium	NMT 500 ppm
13.	Magnesium and Alkaline-Earth Metals (as Ca)	NMT 100 ppm
14.	Nitrites	Absorbance is NMT 0.01

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15.	Sulfate (SO ₄)	NMT 200 ppm
16.	Appearance of Solution	To pass test
17.	Acidity or Alkalinity	NMT 0.5 ml of 0.01MHCl / NaOH
18.	Loss on drying (105°C)	NMT0.5 %
19.	Bacterial Endotoxins Test	To pass test
20.	Sterility Tests	To pass test

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	03/07/2021	First Issuance	N A

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