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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 JP

Page No.: 1 of 4

Specification No.:
ACPL/FP/SP/010

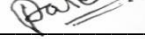
Revision No.:
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Effective Date
29/06/2021

Review Date
28/06/2024


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: Used in treatment of electrolyte deficiency.

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: JP**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	Sodium Chloride occurs as colorless or white, crystals or crystalline powder.
2.	Solubility	It is freely soluble in water, and practically insoluble in ethanol (99.5 %).
3.	Identification (1) Qualitative Tests for sodium salt. Identification (2) Qualitative Tests for chloride.	To pass test To pass test
4.	Appearance of Solution (20% Soln.)	Solution is clear & colorless
5.	Acidity or Alkalinity	To Pass test
6.	Sulfates	To Pass test
7.	Phosphates	To Pass test
8.	Bromides	The absorbance at 590 nm of the sample solution is not more than that of the standard solution.
9.	Iodides	To pass test
10.	Ferrocyanide	To pass test
11.	Heavy Metal	Max. 3 ppm
12.	Iron (Fe)	To Pass test
13.	Barium (Ba)	To pass test

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14.	Magnesium and alkaline-earth metals	To Pass test
15.	Nitrites	The absorbance is not greater than 0.01 at 354 nm.
16.	Arsenic (As)	Max 2 ppm
17.	Loss on drying (105°C)	Max.0.5 %
18.	Assay(dried basis)	99.0 % to 100.5 %

REVISION HISTORY:

Revision No.	Effective Date	Revision Description	Change Control No.
00	29/06/2021	First Issuance	N A

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