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

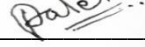
Quality Control

Standard Test Specifications

Title: Sodium Chloride ACS


Page No.: 1 of 3

Specification No.:	Revision No.:	Effective Date	Review Date
ACPL/FP/SP/010	00	25/06/2021	24/06/2024
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 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.

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NA

TEST PARAMETERS AND SPECIFICATIONS**REF: ACS**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White or almost white crystalline powder
2.	Solubility	Soluble in water
3.	pH of a 5% solution	5.4 to 8.6
4.	Insoluble Matter	Max. 50 ppm
5.	Iodide (I)	Max. 20 ppm
6.	Bromide (Br)	Max. 100 ppm
7.	Chlorate and Nitrate (asNO ₃)	Max. 30 ppm
8.	Phosphate (PO ₄)	Max. 5 ppm
9.	Sulfate (SO ₄)	Max. 40 ppm
10.	Barium (Ba)	Passes Test
11.	Heavy Metals (as Pb)	Max. 5 ppm
12.	Iron (Fe)	Max. 3 ppm
13.	Calcium (Ca)	Max. 20 ppm
14.	Magnesium (Mg)	Max. 10 ppm
15.	Sodium (Na)	Max. 50 ppm
16.	Assay	99.0 % to 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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