

**Manufacture Of Fine and Speciality Chemicals**
**Works:** Plot no. 1116, Lamadapuraroad, Manjusar-391775, Ta- savli, Dis. Vadodara, Gujarat, India

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## FINISHED PRODUCT SPECIFICATION

**QCD.F.031**

Name of Product	: <b>SODIUM CHLORIDE</b>		
Chemical Formula	: NaCl	Effective Date	: 01/12/2016
Molecular Weight	: 58.44 g/mol	Retest Date	: After 3 Year
CAS No.	: 7647-14-5	Master Copy	: Quality Control
Specification	: Confirmed as USP		
Product Code	: FP038005		
HSN Code	: 28272000		
Department	: Quality Control	Page No.	: 01 of 01
NO.	TEST	SPECIFICATION	
1.	Description	White Solid	
2.	Solubility	Freely soluble in water	
3.	Identification	Sodium =+VE & Chloride =+VE	
4.	Appearance of Solution	The solution is clear and colorless	
5.	Acidity or Alkalinity	NMT 0.5 ml of 0.01 N HCl and 0.01 N NaOH is required to change the color of this solution	
6.	Loss on Drying	NMT 0.5%	
7.	Aluminum	As Per USP	
8.	Arsenic	NMT 1 ppm.	
9.	Barium	As Per USP	
10.	Ferro Cyanides	As Per USP	
11.	Iodides	As Per USP	
12.	Iron	NMT 2 ppm	
13.	Bromide	NMT 100 ppm	
14.	Phosphate	NMT 25 ppm	
15.	Potassium	NMT 500 ppm	
16.	Magnesium and Alkaline-Earth Metals as Ca	NMT 100 ppm	
17.	Nitrites	Absorbance is NMT 0.01.	
18.	Sulphate	NMT 200 ppm	
19.	Heavy Metals	NMT 5 ppm	
20.	Assay (On Dry Basis)	NLT 99.0% and NMT 100.5%	
Storage		: Store in a cool, dry, well-ventilated area. Keep containers tightly closed.	

PREPARED BY	CHECKED BY	APPROVED BY
SIGN      DATE	SIGN      DATE	SIGN      DATE