

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	: SODIUM CHLORIDE		
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 BP		
Product Code	: FP038006		
HSN Code	: 28272000		
Department	: Quality Control	Page No.	: 01 of 01
NO.	TEST	SPECIFICATION	
1.	Description	White, crystalline powder.	
2.	Solubility	Freely soluble in water; practically insoluble in ethanol.	
3.	Identification	Sodium = +VE and Chloride = +VE	
4.	Appearance of Solution	Clear & colorless solution	
5.	Acidity or Alkalinity	Passes Test	
6.	Arsenic	1 ppm max.	
7.	Barium	Passes Test	
8.	Bromide	Max. 0.01%	
9.	Magnesium and alkaline-earth metals as Ca	Max. 0.01%	
10.	Ferro cyanide	Passes Test	
11.	Heavy Metals as Pb	Max. 0.0005%	
12.	Iodide	Passes Test	
13.	Iron as Fe	Max. 0.002%	
14.	Loss on Drying (at 100-105°C for 2 Hours)	Max. 0.5%	
15.	Potassium as K	Max. 0.05%	
16.	Phosphate as PO ₄	Max. 0.0025%	
17.	Sulphate as SO ₄	Max. 0.02%	
18.	Assay (Dry Basis)	99.0% - 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