



Product Specification

cdhfinechemical.com

SODIUM CHLORIDE AR/ACS

PRODUCT CODE	642243	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7647-14-5)	
ATOMIC OR MOLECULAR FORMULA	NaCl	
ATOMIC OR MOLECULAR WEIGHT	58.44	NaCl
PROPERTIES	Very slightly soluble in alcohol. Its solubility in water is decrease by HCl. Almost insoluble in concentrated HCl.	
PARAMETER	LIMIT	
Description	A white crystalline powder or colourless crystals.	
Solubility	10% solution in water is clear and colourless.	
Identification	Passes test.	
Minimum Assay (argentometric; after ignition)	99.9%	
pH (5% soln.)	5 - 8	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 105°C, for 2 hrs.)	0.5%	
Insoluble matter	0.003%	
Acidity or alkalinity	Passes test.	
Ammonium (NH ₄)	0.0005%	
Bromide (Br)	0.005%	
Iodide (I)	Passes test.	
Ferrocyanide [Fe(CN) ₆]	Passes test.	
Nitrate (NO ₃)	0.0005%	
Nitrite (NO ₂)	Passes test.	
Nitrogen compounds	0.001%	
Phosphate (PO ₄)	0.0005%	
Sulphate (SO ₄)	0.002%	
Arsenic (As)	0.0001%	
Barium (Ba)	0.001%	
Calcium (Ca)	0.002%	
Copper (Cu)	0.0002%	
Iron (Fe)	0.0002%	
Heavy metals (as Pb)	0.0005%	
Magnesium (Mg)	0.001%	
Potassium (K)	0.005%	



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Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: -----	IMDG Code :-- UN No. :-- IATA :--
Disposal:-----	
Hazard Pictogram(s) :-----	

Replace Date 21-May-2018