



Product Specification

SaliCORR® Sodium Chloride, NaCl,

for Corrosion Testing in compliance with the DIN EN ISO 9227:2006,
ASTM B117, NASM 1312-1

	<i>SaliCORR®</i>	ISO 9227
Sodium Chloride (argentometric); based on dried salt	100.0 %	99,5 %
pH-value (5 % NaCl in Water)	6.1*	6,0- 7,0
Bromide (Br)	< 0,005 %	
Fluoride (F)	< 0,001%	
Jodid (I)	< 0,001 %	< 0,1 %
Halides other than Chloride	< 0,01%	ASTM < 0,1%
Phosphate (PO4)	< 0,0025 %	
Sulphate (SO4)	< 0,01 %	
Nickel (Ni) (AAS)	< 0,0005 %	< 0,001%
Copper (Cu) (AAS)	< 0,0003 %	< 0,001% ASTM: <0,00003%
Heavy metals as (Pb)	< 0,0005%	
Calcium (Ca)	< 0,002%	
Arsenic	< 0,0001%	
Iron (Fe)	< 0,0002 %	
Magnesium, earthalkaline metals (as Ca)	< 0,01 %	
Hexacyanoferrat (Fe(CN)6)	0,0 %	
Other Anti caking agents	0,0 %	
Loss on drying (130°C)	< 0,5 %	

*** Note:** The pH value of a 5% testsolution even made of a high pure sodium chloride may be shifted very easily as NaCl is a neutral salt and forms solved in demin. water a very low buffered system let alone the impact of CO₂. For that reason the pH value is not a critical factor with regard of the purity of the NaCl. For that reason the ACS allows a pH range of 5 - 8 for NaCl of analytical grade.

Due to these facts the pH value of prepared test solution has to determined by means of a pH-Meter and adjusted to 6,5 - 7,2 by adding of a 10 % solution of sodium hydroxide or hydrochloric acid pursuant to the DIN EN ISO 9227

VLM GmbH

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