



Version	00
Molecular weight	58.44
Quality Test / Release Date	01/22/2021
Molecular Formula	Cl Na
CAS No	7647-14-5
Linear Formula	NaCl
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	46944	Quality Test / Release Date	01/22/2021
Lot Number	A0426378	Suggested retest date	01/22/2026
Description	Sodium chloride, Chem. Pure, Ph. Eur., USP		
Country of Origin	SPAIN		
Declaration of Origin	Mineral		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to almost white	White
Appearance (Form)	Fine crystalline powder or crystals	Crystalline powder
Identification	passes test (chlorides)	passes test (chlorides)
Titration Argentometric	99.5 to 100.5 % (on dried substance)	100.0 % (on dried substance)
Loss on drying	=<0.1 % (105°C, 2 hr)	0.02 % (105°C, 2 hr)
Appearance of solution	clear and colorless	clear and colorless
Acidity	=<0.5 ml (0.01M NaOH/4g)	=<0.5 ml (0.01M NaOH/4g)
Alkalinity	=<0.5 ml (0.01M HCl/4g)	=<0.5 ml (0.01M HCl/4g)
Barium (Ba)	passes test	passes test
Iodide (I)	passes test	passes test
Magnesium (Mg)	=<5 ppm	=<1 ppm
Calcium (Ca)	=<20 ppm	8 ppm
Iron (Fe)	=<2 ppm	=<1 ppm
Heavy metals (as Pb)	=<5 ppm	=<2 ppm
Nitrite (NO ₂)	passes test	passes test
Bromide (Br)	=<50 ppm	=<50 ppm
Arsenic (As)	=<1 ppm	=<1 ppm
Potassium (K)	=<300 ppm	5 ppm
Sulfate (SO ₄)	=<150 ppm	=<10 ppm
Aluminium (Al)	=<0.1 ppm	=<0.1 ppm
Phosphate (PO ₄)	=<5 ppm	=<2 ppm
Magnesium & Alkali Salts	=<50 ppm (as Ca)	=<50 ppm (as Ca)

Result name	Specifications	Test Value
Ferrocyanides	passes test	passes test



C. Wygaerts, QA Manager

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