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## SO0225 Sodium chloride, extra pure, Pharmpur®, Ph Eur, BP, USP

assay (argentometric, on dried sample) . . . . . 99,0 - 100,5 %  
 identification . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 acidity or alkalinity . . . . . passes test  
 bromides (Br) . . . . . max. 100 ppm  
 iodides (I) . . . . . passes test  
 nitrites (absorbance of an aqueous solution 10% at 354 nm) . . . . . max. 0,01 AU  
 ferricyanide . . . . . passes test  
 phosphates (as PO<sub>4</sub>) . . . . . max. 25 ppm  
 sulfates (SO<sub>4</sub>) . . . . . max. 200 ppm





arsenic (As) . . . . . max. 1 ppm  
 barium (Ba) . . . . . passes test  
 heavy metals . . . . . max. 5 ppm  
 iron (Fe) . . . . . max. 2 ppm  
 magnesium and alkaline-earth metals (as Ca) . . . . . max. 100 ppm  
 loss on drying (105 °C, 2 h) . . . . . max. 0,5 %  
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
SO02250500	500 g	
SO02251000	1 kg	
SO0225005P	5 kg	
SO0225025P	25 kg	

## SO0227 Sodium chloride, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur

assay (argentometric) . . . . . min. 99,5 %  
 assay (argentometric, on dried sample) . . . . . 99,0 - 100,5 %  
 identity . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 insoluble in water . . . . . max. 0,005 %  
 pH (5 %, H<sub>2</sub>O) . . . . . 5,0 - 8,0  
 acidity or alkalinity . . . . . passes test  
 bromides (Br) . . . . . max. 0,005 %  
 chlorates and nitrates (as NO<sub>3</sub>) . . . . . max. 0,003 %  
 ferricyanide . . . . . passes test  
 iodides (I) . . . . . passes test

phosphates (as PO<sub>4</sub>) . . . . . max. 5 ppm  
 sulfates (SO<sub>4</sub>) . . . . . max. 0,001 %  
 total nitrogen (as N) . . . . . max. 0,001 %  
 arsenic (As) . . . . . max. 0,4 ppm  
 barium (Ba) . . . . . passes test  
 calcium (Ca) . . . . . max. 0,002 %  
 copper (Cu) . . . . . max. 2 ppm  
 heavy metals . . . . . max. 5 ppm  
 iron (Fe) . . . . . max. 1 ppm  
 magnesium (Mg) . . . . . max. 0,001 %  
 potassium (K) . . . . . max. 0,005 %  
 loss on drying (105 °C, 2 h) . . . . . max. 0,5 %

ART. NO.	VOLUME	CONTAINER
SO02270500	500 g	
SO02271000	1 kg	
SO0227005P	5 kg	
SO0227025P	25 kg	

## SO0234 Sodium chloride, secondary standard for volumetric titrations, Titrasure®

assay (on dried sample) . . . . . min. 99,0 %  
 insoluble in water . . . . . max. 0,005 %  
 pH (5 %, H<sub>2</sub>O, 25 °C) . . . . . 5,0 - 9,0  
 bromides (Br) . . . . . max. 0,01 %  
 chlorates and nitrates (as NO<sub>3</sub>) . . . . . max. 0,003 %  
 iodides (I) . . . . . max. 0,002 %  
 phosphates (as PO<sub>4</sub>) . . . . . max. 5 ppm

sulfates (SO<sub>4</sub>) . . . . . max. 0,004 %  
 barium (Ba) . . . . . passes test  
 calcium (Ca) . . . . . max. 0,002 %  
 heavy metals . . . . . max. 5 ppm  
 iron (Fe) . . . . . max. 2 ppm  
 magnesium (Mg) . . . . . max. 0,001 %  
 potassium (K) . . . . . max. 0,005 %

ART. NO.	VOLUME	CONTAINER
SO02340100	100 g	

## SO0230 Sodium chloride, molecular biology grade

assay (argentometric) . . . . . min. 99,5 %  
 identity . . . . . passes test  
 absorbance of an aqueous solution 0,1 M in a 1 cm cell at 260 nm . . . . . max. 0,01 A

absorbance of an aqueous solution 0,1 M in a 1 cm cell at 280 nm . . . . . max. 0,01 AU  
 heavy metals . . . . . max. 0,001 %  
 DNases, RNases, Proteases . . . . . non detected

ART. NO.	VOLUME	CONTAINER
SO02300500	500 g	
SO02301000	1 kg	
SO0230005P	5 kg	

## SO0226 Sodium chloride, for climatic chambers

assay (argentometric, on dried sample) . . . . . 99,0 - 100,5 %  
 identification . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 pH (5 %, H<sub>2</sub>O) . . . . . 5,0 - 7,5  
 acidity or alkalinity . . . . . passes test  
 hexacyanoferrate [Fe(CN)<sub>6</sub>] . . . . . max. 0,0001 %  
 nitrites (absorbance of an aqueous solution 10% at 354 nm) . . . . . max. 0,01 AU  
 ferrocyanide [Fe(CN)<sub>6</sub>] . . . . . passes test  
 phosphates (as PO<sub>4</sub>) . . . . . max. 0,0025 %  
 sulfates (SO<sub>4</sub>) . . . . . max. 0,02 %  
 halides (bromides, fluorides, iodides) . . . . . max. 0,1 %  
 sodium iodide . . . . . max. 0,1 %

aluminium (Al) . . . . . max. 0,00002 %  
 ammonium (NH<sub>4</sub>) . . . . . max. 0,001 %  
 arsenic (As) . . . . . max. 1 ppm  
 barium (Ba) . . . . . passes test  
 calcium (Ca) . . . . . max. 0,002 %  
 copper (Cu) . . . . . max. 0,3 ppm  
 heavy metals (as Pb) . . . . . max. 0,0005 %  
 iron (Fe) . . . . . max. 2 ppm  
 magnesium (Mg) . . . . . max. 0,001 %  
 magnesium and alkaline-earth metals (as Ca) . . . . . max. 0,01 %  
 potassium (K) . . . . . max. 0,05 %  
 nickel (Ni) . . . . . max. 0,001 %  
 loss on drying (105 °C, 2 h) . . . . . max. 0,5 %

ART. NO.	VOLUME	CONTAINER
SO02261000	1 kg	
SO0226005P	5 kg	
SO0226025P	25 kg	