## 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 $PO_4$) . . . . . max. 25 ppm
sulfates ($SO_4$) . . . . . 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 %, $H_2O$) . . . . . 5,0 - 8,0
acidity or alkalinity . . . . . .passes test
bromides (Br) . . . . . .max. 0,005 %
chlorates and nitrates (as $NO_3$) . . . . . .max. 0,003 %
ferricyanide . . . . . .passes test
iodides (I) . . . . . .passes test
phosphates (as $PO_4$) . . . . . max. 5 ppm
sulfates ($SO_4$) . . . . . .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 %, $H_2O$, 25 °C) . . . . . 5,0 - 9,0
bromides (Br) . . . . . .max. 0,01 %
chlorates and nitrates (as $NO_3$) . . . . . .max. 0,003 %
iodides (I) . . . . . .max. 0,002 %
phosphates (as $PO_4$) . . . . . max. 5 ppm
sulfates ($SO_4$) . . . . . .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 %, $H_2O$) . . . . . 5,0 - 7,5
acidity or alkalinity . . . . . .passes test
hexacyanoferrate [$Fe(CN)_6$] . . . . . .max. 0,0001 %
nitrites (absorbance of an aqueous solution 10% at 354 nm) . . . . . max. 0,01 AU
ferrocyanide ($Fe(CN)_6$) . . . . . .passes test
phosphates (as $PO_4$) . . . . . .max. 0,0025 %
sulfates ($SO_4$) . . . . . .max. 0,02 %
halydes (bromides,fluorides,iodides) . . . . . max. 0,1 %
sodium iodide . . . . . .max. 0,1 %
aluminium (Al) . . . . . .max. 0,00002 %
ammonium ($NH_4$) . . . . . .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 | |