

## PO0199 Potassium 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. 0,1 %  
 iodides (I) . . . . . passes test  
 sulfates (SO<sub>4</sub>) . . . . . max. 300 ppm  
 barium (Ba) . . . . . passes test

iron (Fe) . . . . . max. 20 ppm  
 magnesium and alkaline-earth metals (as Ca) . . . . . max. 200 ppm  
 sodium (Na) . . . . . passes test  
 loss on drying (105°C, 3 h) . . . . . max. 1,0 %  
 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
PO01990500	500 g	Ⓟ
PO01991000	1 kg	Ⓟ
PO0199005P	5 kg	Ⓟ
PO0199025P	25 kg	Ⓟ

## PO0200 Potassium chloride, ExpertQ®, for analysis, Reag. Ph Eur

assay (argentometric) . . . . . min. 99,5 %  
 insoluble in water . . . . . max. 0,01 %  
 pH (5 %, H<sub>2</sub>O) . . . . . 5,5 - 8,0  
 bromides (Br) . . . . . max. 0,05 %  
 iodides (I) . . . . . max. 0,002 %  
 phosphates (as PO<sub>4</sub>) . . . . . max. 0,0005 %  
 sulfates (SO<sub>4</sub>) . . . . . max. 0,005 %  
 total nitrogen (as N) . . . . . max. 0,001 %

barium (Ba) . . . . . max. 0,001 %  
 calcium (Ca) . . . . . max. 0,001 %  
 heavy metals (as Pb) . . . . . max. 5 ppm  
 iron (Fe) . . . . . max. 3 ppm  
 magnesium (Mg) . . . . . max. 0,002 %  
 sodium (Na) . . . . . max. 0,02 %

ART. NO.	VOLUME	CONTAINER
PO02000250	250 g	Ⓟ
PO02000500	500 g	Ⓟ
PO02001000	1 kg	Ⓟ
PO0200005P	5 kg	Ⓟ
PO0200025P	25 kg	Ⓟ

## PO0207 Potassium chloride, secondary standard for volumetric titrations, Titrasure®

assay (on dried sample) . . . . . 99,0 - 100,5 %  
 insoluble in water . . . . . max. 0,005 %  
 pH (5 %, H<sub>2</sub>O, 25 °C) . . . . . 5,4 - 8,6  
 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. 0,0005 %

sulfates (SO<sub>4</sub>) . . . . . max. 0,001 %  
 barium (Ba) . . . . . passes test  
 calcium (Ca) . . . . . max. 0,002 %  
 heavy metals (as Pb) . . . . . max. 5 ppm  
 iron (Fe) . . . . . max. 3 ppm  
 magnesium (Mg) . . . . . max. 0,001 %  
 sodium (Na) . . . . . max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PO02070100	100 g	Ⓟ

## PO0201 Potassium chloride, molecular biology grade

assay (argentometric) . . . . . min. 99,5 %  
 pH (5 %, H<sub>2</sub>O) . . . . . 5,5 - 8,0  
 heavy metals (as Pb) . . . . . max. 5 ppm  
 magnesium (Mg) . . . . . max. 0,001 %

iron (Fe) . . . . . max. 3 ppm  
 DNases, RNases, Proteases . . . . . non detected

ART. NO.	VOLUME	CONTAINER
PO02010250	250 g	Ⓟ
PO02011000	1 kg	Ⓟ

## POTASSIUM CHLORIDE, SOLUTIONS

### PO0205 Potassium chloride, solution 3 mol/l, for filling electrodes

- KCl
- M = 74,56 g/mol
- CAS [7447-40-7]
- EINECS-No.: 231-211-8
- Density: 1,13 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- LD 50 (oral, rat): 2600 mg/kg (pure substance)
- Tariff number: 3104 20 90 00

- Applications: analytical chemistry, laboratory reagent, for electroanalysis.

composition:  
 potassium chloride (KCl) . . . . . 224 g  
 water . . . . . 1 Liter

ART. NO.	VOLUME	CONTAINER
PO02050250	250 ml	Ⓟ
PO02051000	1 l	Ⓟ

### PO0206 Potassium chloride, solution 3,5 mol/l with silver chloride, for filling electrodes

- Solub. in water: (20 °C): miscible
- LD 50 (oral, rat): 2600 mg/kg (pure substance)
- Tariff number: 3822 00 00 00
- Applications: for reference electrodes.

composition:  
 potassium chloride (KCl) . . . . . 260 g  
 silver chloride . . . . . saturated  
 water . . . . . 1 Liter

ART. NO.	VOLUME	CONTAINER
PO02060250	250 ml	Ⓟ