

PO0170 Potassium carbonate, extra pure, Pharmapur®, Ph Eur, BP, USP



assay (acidimetric, referred to dried sample) . . . . . 99,5 - 100,5 %  
 identification . . . . . passes test  
 appearance of solution . . . . . passes test  
 insoluble matter . . . . . passes test  
 chlorides (Cl) . . . . . max. 100 ppm  
 sulfates (SO<sub>4</sub>) . . . . . max. 100 ppm  
 calcium (Ca) . . . . . max. 100 ppm

iron (Fe) . . . . . max. 10 ppm  
 loss on drying (125 °C, 5 h) . . . . . max. 5,0 %  
 loss on drying (180 °C, 4h) . . . . . 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
PO01700500	500 g	Ⓟ
PO01701000	1 kg	Ⓟ
PO0170005P	5 kg	Ⓟ
PO0170025P	25 kg	Ⓟ

PO0171 Potassium carbonate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (acidimetric, on dried sample) . . . . . min. 99,0 %  
 assay (acidimetric) . . . . . min. 99,0 %  
 identity (IR-spectrum) . . . . . passes test  
 insoluble matter . . . . . max. 0,005 %  
 chlorides (Cl) . . . . . max. 0,003 %  
 phosphates (as PO<sub>4</sub>) . . . . . max. 0,001 %  
 phosphates and silicates (as SiO<sub>2</sub>) . . . . . max. 0,005 %  
 silicates (SiO<sub>2</sub>) . . . . . max. 0,005 %  
 total nitrogen (as N) . . . . . max. 0,001 %

total sulphur (as SO<sub>4</sub>) . . . . . max. 0,003 %  
 calcium (Ca) . . . . . max. 0,002 %  
 copper (Cu) . . . . . max. 5 ppm  
 heavy metals . . . . . max. 5 ppm  
 iron (Fe) . . . . . max. 5 ppm  
 lead (Pb) . . . . . max. 5 ppm  
 magnesium (Mg) . . . . . max. 0,002 %  
 sodium (Na) . . . . . max. 0,02 %  
 loss on drying (300 °C) . . . . . max. 1,0 %

ART. NO.	VOLUME	CONTAINER
PO01710500	500 g	Ⓟ
PO01711000	1 kg	Ⓟ
PO0171005P	5 kg	Ⓟ
PO0171025P	25 kg	Ⓟ

**POTASSIUM CARBONATE/SODIUM CARBONATE ANHYDROUS, MIXTURE 50%**

PO0175 Potassium carbonate/sodium carbonate anhydrous, mixture 50%, ExpertQ®, for analysis



- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent.

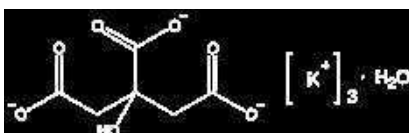
assay (acidimetric) . . . . . min. 99,0 %  
 insoluble in water . . . . . max. 0,01 %  
 nitrogen compounds (as N) . . . . . max. 0,001 %  
 sulphur compounds (as SO<sub>4</sub>) . . . . . max. 0,003 %  
 chlorides (Cl) . . . . . max. 0,002 %  
 phosphates (as PO<sub>4</sub>) . . . . . max. 0,001 %  
 arsenic (As) . . . . . max. 1 ppm  
 calcium (Ca) . . . . . max. 0,005 %  
 copper (Cu) . . . . . max. 5 ppm

iron (Fe) . . . . . max. 0,001 %  
 lead (Pb) . . . . . max. 5 ppm  
 magnesium (Mg) . . . . . max. 0,005 %  
 nickel (Ni) . . . . . max. 5 ppm

ART. NO.	VOLUME	CONTAINER
PO01751000	1 kg	Ⓟ

**TRI-POTASSIUM CITRATE MONOHYDRATE**

PO0186 tri-Potassium citrate monohydrate, extra pure, Pharmapur®, Ph Eur, BP, USP



- Synonyms: Citric acid potassium salt, Tripotassium citrate
- C<sub>6</sub>H<sub>5</sub>K<sub>3</sub>O<sub>7</sub>·H<sub>2</sub>O
- M = 324,42 g/mol
- CAS [6100-05-6]
- EINECS-No.: 212-755-5
- Solub. in water: (20 °C): soluble
- Melting point: 230 °C (decomposes)
- Tariff number: 2918 15 00 90
- Applications: in food industry (E-332), antioxidant, preservative agent, laboratory reagent, in pharma industry.

assay (titr. with HClO<sub>4</sub>, referred to dried sample) . . . . . 99,0 - 100,5 %  
 identification . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 acidity or alkalinity . . . . . passes test  
 alkalinity . . . . . passes test  
 chlorides (Cl) . . . . . max. 50 ppm  
 oxalates (C<sub>2</sub>O<sub>4</sub>) . . . . . max. 300 ppm  
 sulfates (SO<sub>4</sub>) . . . . . max. 150 ppm  
 tartrates (C<sub>4</sub>O<sub>6</sub>) . . . . . passes test  
 sodium (Na) . . . . . max. 0,3 %  
 readily carbonizable substances . . . . . passes test  
 loss on drying (180 °C) . . . . . 3,0 - 6,0 %  
 water (K.F.) . . . . . 4,0 - 7,0 %  
 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
PO01860500	500 g	Ⓟ
PO01861000	1 kg	Ⓟ
PO0186005P	5 kg	Ⓟ