

## Potassium hydrogen carbonate

≥99,7 %, p.a., ACS

Neutralizing agent

### Guarantee analysis

Assay (acidim., dry substance) .....	99,7-100,5 %
In H <sub>2</sub> O insoluble matter .....	≤0,005 %
Ammonium (NH <sub>4</sub> ) .....	≤0,0005 %
Sulphur compounds (as SO <sub>4</sub> ) .....	≤0,003 %
Chloride (Cl) .....	≤0,001 %
Phosphate (PO <sub>4</sub> ) .....	≤0,0005 %
Calcium (Ca) .....	≤0,001 %
Iron (Fe) .....	≤0,0005 %
Magnesium (Mg) .....	≤0,001 %
Sodium (Na) .....	≤0,03 %
Heavy metals (as Pb) .....	≤0,0005 %

Art. No.	Pack Qty.	Pack.	€
P748.1	500 g	plastic	39,70
Original pack 6 x 500 g			37,72/500 g
P748.2	1 kg	plastic	70,85
Original pack 6 x 1 kg			67,31/1 kg
P748.3	2.5 kg	plastic	160,20

## Potassium hydrogen carbonate

≥99 %, Ph. Eur.

### Guarantee analysis

Appearance .....	white crystal powder
Assay .....	99,0-101,0 %
Identity .....	complies
Appearance of solution .....	complies
pH value (5 % in H <sub>2</sub> O) .....	≤8,6
Chloride (Cl) .....	≤0,001 %
Sulphate (SO <sub>4</sub> ) .....	≤0,015 %
Ammonium (NH <sub>4</sub> ) .....	≤0,002 %
Heavy metals (as Pb) .....	≤0,001 %
Calcium (Ca) .....	≤0,001 %
Iron (Fe) .....	≤0,002 %
Sodium (Na) .....	≤0,5 %

Art. No.	Pack Qty.	Pack.	€
X887.1	500 g	plastic	21,40
Original pack 6 x 500 g			20,33/500 g
X887.2	1 kg	plastic	33,25
Original pack 6 x 1 kg			31,59/1 kg
X887.3	2.5 kg	plastic	66,55

## Potassium hydrogen carbonate

≥99 %, extra pure

### Type analysis

Assay (dry substance) .....	≥99,0 %
Arsenic (As) .....	≤0,0005 %
Lead (Pb) .....	≤0,0005 %
Mercury (Hg) .....	≤0,0001 %
Loss on drying .....	≤0,25 %

Art. No.	Pack Qty.	Pack.	€
9437.1	500 g	plastic	22,50
Original pack 6 x 500 g			21,38/500 g
9437.2	1 kg	plastic	38,60
Original pack 6 x 1 kg			36,67/1 kg
9437.3	2.5 kg	plastic	81,60

## Potassium hydrogen citrate

► mono-Potassium citrate see page 1170

## di-Potassium hydrogen phosphate

Dipotassium hydrogen phosphate · Potassium phosphate, dibasic · sec. Potassium phosphate

K<sub>2</sub>HPO<sub>4</sub> · D 2,44 g/cm<sup>3</sup> · mp >180 °C  
CAS No. 7758-11-4 · EC no. 231-834-5  
WGK 1

## di-Potassium hydrogen phosphate

ROTI<sup>®</sup>METIC 99,99 % (4N), anhydrous

### Type analysis

Assay (metals basis) .....	99,99 %
Chemical analysis (ICP, AAS): up to 60 specified trace metal impurities in ppm range.	

Art. No.	Pack Qty.	Pack.	€
5066.1	25 g	plastic	205,90

## di-Potassium hydrogen phosphate

≥99 %, p.a., anhydrous

Buffer substance, molecular biology

### Guarantee analysis

Assay (acidim.) .....	≥99,0 %
pH value (5 % in H <sub>2</sub> O) .....	8,5-9,6
In H <sub>2</sub> O insoluble matter .....	≤0,005 %
Loss on drying (105 °C) .....	≤1,0 %
Nitrogen compounds (as N) .....	≤0,002 %
Chloride (Cl) .....	≤0,005 %
Sulphate (SO <sub>4</sub> ) .....	≤0,01 %
Arsenic (As) .....	≤0,0001 %
Lead (Pb) .....	≤0,001 %
Cadmium (Cd) .....	≤0,001 %
Calcium (Ca) .....	≤0,005 %
Iron (Fe) .....	≤0,001 %
Cobalt (Co) .....	≤0,001 %
Copper (Cu) .....	≤0,001 %
Magnesium (Mg) .....	≤0,005 %
Manganese (Mn) .....	≤0,001 %
Nickel (Ni) .....	≤0,001 %
Zinc (Zn) .....	≤0,001 %

Art. No.	Pack Qty.	Pack.	€
P749.1	500 g	plastic	37,55
Original pack 6 x 500 g			35,67/500 g
P749.2	1 kg	plastic	67,65
Original pack 6 x 1 kg			64,27/1 kg
P749.3	2.5 kg	plastic	138,70
P749.5	25 kg	plastic	1.069,65

## di-Potassium hydrogen phosphate

≥98 %, Ph. Eur., BP, anhydrous

### Guarantee analysis

Assay (acidim., dry substance) .....	98,0-100,5 %
Identity .....	complies
Appearance of solution .....	complies
In H <sub>2</sub> O insoluble matter .....	≤0,01 %
pH value (5 % in H <sub>2</sub> O) .....	8,5-9,6
Loss on drying (130 °C) .....	≤1,0 %
Chloride (Cl) .....	≤0,02 %
Fluoride (F) .....	≤0,001 %
Sulphate (SO <sub>4</sub> ) .....	≤0,05 %
Arsenic (As) .....	≤0,0002 %
Lead (Pb) .....	≤0,001 %
Iron (Fe) .....	≤0,001 %
Copper (Cu) .....	≤0,025 %
Nickel (Ni) .....	≤0,0025 %
Potassium dihydrogen phosphate .....	complies
KMnO <sub>4</sub> , reducing substances (as O) .....	complies

Art. No.	Pack Qty.	Pack.	€
T875.1	500 g	plastic	34,95
Original pack 6 x 500 g			33,20/500 g
T875.2	1 kg	plastic	57,55
Original pack 6 x 1 kg			54,67/1 kg
T875.3	5 kg	plastic	246,20

## di-Potassium hydrogen phosphate

≥98 %, anhydrous

### Type analysis

Assay (acidim.) .....	98,0-100,5 %
pH value (5 % in H <sub>2</sub> O) .....	8,5-9,6
Sulphate (SO <sub>4</sub> ) .....	≤0,05 %
Chloride (Cl) .....	≤0,02 %
Arsenic (As) .....	≤0,0002 %
Iron (Fe) .....	≤0,001 %
Loss on drying (130 °C) .....	≤1,0 %

Art. No.	Pack Qty.	Pack.	€
6875.2	500 g	plastic	28,95
Original pack 6 x 500 g			27,50/500 g
6875.1	1 kg	plastic	49,35
Original pack 6 x 1 kg			46,88/1 kg
6875.3	5 kg	plastic	192,45
6875.7	25 kg	plastic	815,95

## di-Potassium hydrogen phosphate trihydrate

Dipotassium hydrogen phosphate · Potassium phosphate, dibasic · Dipotassium hydrogen phosphate trihydrate

K<sub>2</sub>HPO<sub>4</sub> · 3 H<sub>2</sub>O  
CAS No. 16788-57-1 · EC no. 231-834-5  
WGK 1

## di-Potassium hydrogen phosphate trihydrate

≥99 %, p.a.

Buffer substance

### Type analysis

Assay (K <sub>2</sub> HPO <sub>4</sub> · 3 H <sub>2</sub> O) .....	≥99 %
pH value (5 % in H <sub>2</sub> O) .....	9,1-9,3
In H <sub>2</sub> O insoluble matter .....	≤0,005 %
Chloride (Cl) .....	≤0,001 %
Sulphate (SO <sub>4</sub> ) .....	≤0,005 %
Total nitrogen (as N) .....	≤0,001 %
Heavy metals (as Pb) .....	≤0,001 %
Arsenic (As) .....	≤0,00005 %
Lead (Pb) .....	≤0,0005 %
Calcium (Ca) .....	≤0,005 %
Iron (Fe) .....	≤0,0005 %
Copper (Cu) .....	≤0,001 %
Magnesium (Mg) .....	≤0,005 %
Sodium (Na) .....	≤0,1 %
Nickel (Ni) .....	≤0,0005 %

Art. No.	Pack Qty.	Pack.	€
6878.2	250 g	plastic	45,05
6878.1	1 kg	plastic	134,40
Original pack 6 x 1 kg			127,68/1 kg
6878.3	2.5 kg	plastic	278,45

## Potassium hydrogen phthalate

Potassium biphthalate · Phthalic acid mono-potassium salt

C<sub>8</sub>H<sub>5</sub>KO<sub>4</sub> · D 1,636 g/cm<sup>3</sup> · mp 301,7 to 303,7 °C · bp >300 °C · flp 197,3 °C  
CAS No. 877-24-7 · EC no. 212-889-4  
WGK 1