

Art. No.	Pack Qty.	Pack.
1HE8.1	100 g	plastic
1HE8.2	500 g	plastic
1HE8.3	1 kg	plastic
1HE8.4	2.5 kg	plastic

Potassium hexafluoro-zirconate(IV)

Dipotassium hexafluorozirconate
 $K_2ZrF_6 \cdot D$ 3,48 g/cm³ · mp 840 °C
 M 283,41 g/mol
 CAS No. 16923-95-8 · EC no. 240-985-6
 UN no. 3288 · ADR 6.1 III · WGK 2
Danger H301-H318-EUH071

Potassium hexafluoro-zirconate(IV) ≥97,5 % pure

Type analysis

Assay ≥97,5 %
 Chloride (Cl) ≤0,05 %
 Na (Sodium) ≤0,5 %
 Silicon (Si) ≤0,5 %
 Ti (Titanium) ≤0,05 %
 Loss on drying (110 °C) ≤0,5 %

Art. No.	Pack Qty.	Pack.
1H97.1	100 g	plastic
1H97.2	500 g	plastic
1H97.3	1 kg	plastic

Potassium hexahydroxo-antimonate(V)

Potassium antimonate
 $K[Sb(OH)_6] \cdot D$ 3,221 g/cm³ · mp >224 °C
 M 262,9 g/mol
 CAS No. 12208-13-8 · EC no. 235-387-7
 UN no. 1549 · ADR 6.1 III · WGK 2
Warning H302+H332-H411

Potassium hexahydroxo-antimonate(V) ≥98 %

Reagent for the detection of sodium (precipitation).

Type analysis

Assay ≥98,0 %

Art. No.	Pack Qty.	Pack.
1HEK.1	100 g	plastic
1HEK.2	500 g	plastic
1HEK.3	1 kg	plastic

Potassium hydrogen carbonate

Potassium bicarbonate
 $KHCO_3 \cdot D$ 2,17 g/cm³ · mp >100 °C
 M 100,12 g/mol
 CAS No. 298-14-6 · EC no. 206-059-0
 WGK 1

Potassium hydrogen carbonate ≥99,7 %, p.a., ACS

Neutralizing agent

Guarantee analysis

Assay (acidim., dry substance) 99,7-100,5 %
 In H₂O insoluble matter ≤0,01 %
 Ammonium (NH₄) ≤0,0005 %

Sulphur compounds (as SO₄) ≤0,003 %
 Chloride (Cl) ≤0,001 %
 Phosphate (PO₄) ≤0,0005 %
 Calcium (Ca) ≤0,002 %
 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
P748.2	1 kg	plastic
P748.3	2.5 kg	plastic

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 H₂O) ≤8,6
 Chloride (Cl) ≤0,001 %
 Sulphate (SO₄) ≤0,015 %
 Ammonium (NH₄) ≤0,002 %
 Calcium (Ca) ≤0,001 %
 Iron (Fe) ≤0,002 %
 Sodium (Na) ≤0,5 %

Art. No.	Pack Qty.	Pack.
X887.1	500 g	plastic
X887.2	1 kg	plastic
X887.3	2.5 kg	plastic

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
9437.2	1 kg	plastic
9437.3	2.5 kg	plastic

Potassium hydrogen citrate

► mono-Potassium citrate see page 515

di-Potassium hydrogen phosphate

Dipotassium hydrogen phosphate · Potassium phosphate, dibasic · sec. Potassium phosphate
 $K_2HPO_4 \cdot D$ 2,44 g/cm³ · mp >450 °C
 M 174,18 g/mol
 CAS No. 7758-11-4 · EC no. 231-834-5
 WGK 1

di-Potassium hydrogen phosphate ROTI[®]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

di-Potassium hydrogen phosphate

≥99 %, p.a., anhydrous

Buffer substance, molecular biology

Guarantee analysis

Assay (acidim.) ≥99,0 %
 pH value (5 % in H₂O) 8,5-9,6
 In H₂O insoluble matter ≤0,005 %
 Loss of drying (140 °C, 30 min) ≤1,0 %
 Nitrogen compounds (as N) ≤0,002 %
 Chloride (Cl) ≤0,02 %
 Sulphate (SO₄) ≤0,1 %
 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
P749.2	1 kg	plastic
P749.3	2.5 kg	plastic
P749.5	25 kg	plastic

For further information see www.carlroth.com

di-Potassium hydrogen phosphate

≥98 %, Ph. Eur., anhydrous

Guarantee analysis

Assay (acidim., dry substance) 98,0-101,0 %
 Identity complies
 Appearance of solution complies
 pH value (5 % in H₂O) 8,5-9,6
 Loss on drying (130 °C) ≤2,0 %
 Chloride (Cl) ≤0,02 %
 Sulphate (SO₄) ≤0,1 %
 Arsenic (As) ≤0,0002 %
 Lead (Pb) ≤0,001 %
 Iron (Fe) ≤0,001 %
 Nickel (Ni) ≤0,0025 %
 Mercury (Hg) ≤0,0001 %
 Potassium dihydrogen phosphate ≤2,5 %
 KMnO₄, reducing substances (as O) complies

Art. No.	Pack Qty.	Pack.
T875.1	500 g	plastic
T875.2	1 kg	plastic
T875.3	5 kg	plastic

di-Potassium hydrogen phosphate ≥98 %, anhydrous

Type analysis

Assay (acidim.) ≥98,0 %
 pH value (5 % in H₂O) 8,5-9,6
 Sulphate (SO₄) ≤0,1 %
 Chloride (Cl) ≤0,05 %
 Arsenic (As) ≤0,0005 %
 Iron (Fe) ≤0,001 %
 Loss on drying (130 °C) ≤2,0 %

Art. No.	Pack Qty.	Pack.
6875.2	500 g	plastic
6875.1	1 kg	plastic
6875.3	5 kg	plastic
6875.7	25 kg	plastic