


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-EU071


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 %
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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 H ₂ O insoluble matter	≤0,01 %
Ammonium (NH ₄)	≤0,0005 %

Sulphur compounds (as SO ₄)	≤0,003 %
Chloride (Cl)	≤0,001 %
Phosphate (PO ₄)	≤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 H ₂ O)	≤8,6
Chloride (Cl)	≤0,001 %
Sulphate (SO ₄)	≤0,015 %
Ammonium (NH ₄)	≤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 %
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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 H ₂ O)	8,5-9,6
In H ₂ O insoluble matter	≤0,005 %
Loss of drying (140 °C, 30 min)	≤1,0 %
Nitrogen compounds (as N)	≤0,002 %
Chloride (Cl)	≤0,02 %
Sulphate (SO ₄)	≤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 H ₂ O)	8,5-9,6
Loss on drying (130 °C)	≤2,0 %
Chloride (Cl)	≤0,02 %
Sulphate (SO ₄)	≤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 %
KMnO ₄ 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 H ₂ O)	8,5-9,6
Sulphate (SO ₄)	≤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