

Iron (Fe)	≤0,0005 %
Nickel (Ni)	≤0,001 %
Heavy metals (as Pb)	≤0,0005 %

Art. No.	Pack Qty.	Pack.
6751.3	250 g	plastic
6751.1	1 kg	plastic
6751.4	2.5 kg	plastic
6751.2	5 kg	plastic
6751.6	10 kg	plastic
6751.5	25 kg	plastic

Potassium hydroxide ≥85 %, Ph. Eur., in pellets

Filled under protective gas.

Guarantee analysis

Assay (acidim.)	85,0-100,5 %
Identity	complies
Appearance of solution	complies
Carbonate (as K ₂ CO ₃)	≤2,0 %
Chloride (Cl)	≤0,02 %
Phosphate (PO ₄)	≤0,01 %
Sulphate (SO ₄)	≤0,02 %
Heavy metals (as Pb)	≤0,001 %
Iron (Fe)	≤0,001 %
Sodium (Na)	≤1,0 %
Lead (Pb)	≤0,001 %
Arsenic (As)	≤0,0005 %

Art. No.	Pack Qty.	Pack.
P747.1	500 g	plastic
P747.2	1 kg	plastic
P747.6	2.5 kg	plastic
P747.3	5 kg	plastic
P747.5	10 kg	plastic
P747.4	25 kg	plastic

Potassium hydroxide ≥85 %, in sheds

Filled under protective gas.

Type analysis

Assay (KOH)	≥85 %
Carbonate (as K ₂ CO ₃)	≤1,0 %
Chloride (Cl)	≤0,01 %
Iron (Fe)	≤0,003 %

Art. No.	Pack Qty.	Pack.
7986.1	1 kg	plastic
7986.3	2.5 kg	plastic
7986.4	5 kg	plastic
7986.2	10 kg	plastic
7986.5	25 kg	plastic

Potassium hydroxide solution

M 56,11 g/mol
CAS No. 1310-58-3 · EC no. 215-181-3

Potassium hydroxide solution 50 %

Potassium hydroxide solution 50 %, extra pure

KOH · D 1,5 g/cm³ · bp >100 °C

UN no. 1814 · ADR 8 II · WGK 1

⚠️ ⚠️ Danger H290-H302-H314

Type analysis

Assay (KOH)	49,0-51,0 %
Carbonate (CO ₃)	≤0,5 %
Chloride (Cl)	≤0,01 %
Sodium hydroxide (NaOH)	≤1 %
Iron (Fe)	≤0,001 %

Art. No.	Pack Qty.	Pack.
7949.1	1 l	plastic
7949.3	2.5 l	plastic
7949.4	5 l	plastic
7949.2	10 l	plastic
7949.5	25 l	plastic

Potassium hydroxide solution 45 %

Potassium hydroxide solution 45 %, extra pure

KOH · D 1,45 g/cm³ · bp >100 °C

UN no. 1814 · ADR 8 II · WGK 1

⚠️ ⚠️ Danger H290-H302-H314

Type analysis

Assay (KOH)	44-46 %
Carbonate (CO ₃)	≤0,5 %
Chloride (Cl)	≤0,01 %
Sodium hydroxide (NaOH)	≤1 %
Iron (Fe)	≤0,001 %

Art. No.	Pack Qty.	Pack.
0995.1	1 l	plastic
0995.2	2.5 l	plastic
0995.4	5 l	plastic
0995.3	10 l	plastic
0995.5	25 l	plastic

Potassium hydroxide solution 20 %

Potassium hydroxide solution 20 %, pure

KOH · D 1,19 g/cm³ · bp >100 °C

UN no. 1814 · ADR 8 II · WGK 1

⚠️ ⚠️ Danger H290-H302-H314

Type analysis

Appearance	clear, colorless
Assay (KOH)	19,0-21,0 %
Density (20 °C)	1,177-1,196

Art. No.	Pack Qty.	Pack.
4330.1	1 l	plastic
4330.2	2.5 l	plastic
4330.3	5 l	plastic
4330.4	10 l	plastic
4330.5	25 l	plastic

Potassium hydroxide solution (0.01 N)

Potassium hydroxide solution 0,01 mol/l – 0,01 N, volumetric standard solution

KOH · D 1 g/cm³ · mp ~0 °C · bp ~100 °C

WGK 1

Type analysis

Titer	0,995-1,005
Amount-of-substance concentration (20 °C)	0,01 mol/l ± 0,5 %

Art. No.	Pack Qty.	Pack.
1E31.1	1 l	plastic

Potassium hydroxide solution (0.1 N)

Potassium hydroxide solution 0,1 mol/l – 0,1 N, volumetric standard solution

KOH · D 1,003 g/cm³ · mp ~0 °C · bp 100 °C

UN no. 1814 · ADR 8 III · WGK 1

⚠️ ⚠️ Warning H290-H315-H319

Type analysis

Amount-of-substance conc. (20 °C)	0,1 mol/l ± 0,2 %
Titer	0,998-1,002

Art. No.	Pack Qty.	Pack.
K018.1	1 l	plastic
K018.2	5 l	plastic
K018.3	5 l	ROTI®CUBE

For further information see www.carlroth.com

Potassium hydroxide solution ROTI®Volum 0,1 mol/l – 0,1 N, volumetric standard solution

Ampoule for preparation of 1000 ml volumetric solution. Improved packaging.

KOH · D 1,02 g/cm³

UN no. 1814 · ADR 8 II · WGK 1

⚠️ ⚠️ Danger H290-H314

Type analysis

Titer	0,995-1,005
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Art. No.	Pack Qty.	Pack.
1YP7.1	1 unit(s)	plastic

Potassium hydroxide solution (0.5 N)

Potassium hydroxide solution 0,5 mol/l – 0,5 N, volumetric standard solution

KOH · D ~1,028 g/cm³ · bp ~100 °C

UN no. 1814 · ADR 8 III

⚠️ ⚠️ Danger H290-H314

Type analysis

Amount-of-substance conc. (20 °C)	0,5 mol/l ± 0,2 %
Titer	0,998 - 1,002

Art. No.	Pack Qty.	Pack.
N071.1	1 l	plastic
N071.2	5 l	plastic
N071.3	5 l	ROTI®CUBE

For further information see www.carlroth.com

Potassium hydroxide solution (1 N)

Potassium hydroxide solution 1 mol/l – 1 N, volumetric standard solution

KOH · D 1,05 g/cm³ · mp ~0 °C · bp ~100 °C

UN no. 1814 · ADR 8 II · WGK 1

⚠️ ⚠️ Danger H290-H314

Type analysis

Amount-of-substance conc. (20 °C)	1 mol/l ± 0,2 %
Titer	0,998-1,002