

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 K₂CO₃) ≤2,0 %
 Chloride (Cl) ≤0,02 %
 Phosphate (PO₄) ≤0,01 %
 Sulphate (SO₄) ≤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 K₂CO₃) ≤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 (CO₃) ≤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 (CO₃) ≤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

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