

Potassium hydroxide

Caustic potash

Danger

H302 H314 H290

P280 P301+P330+P331 P304+P340 P309+P310

**CAS 1310-58-3**

Index 019-002-00-8

EINECS: 215-181-3

UN: 1813

ADR 8,II

KOH

M.W. 56.11 g/mol

Density: 2.04 g/cm³ (20 °C)

Boiling Pt: 1320 °C (1013 hPa)

Melting Pt: 360 °C

Storage Temperature: Ambient temperature

Potassium hydroxide (5 - 50%) in aqueous solution**Danger**

H314

P280 P301+P330+P331 P305+P351+P338

P309+P310

**CAS 1310-58-3**

EINECS: 215-181-3

UN: 1814

ADR 8,II

KOH

Storage Temperature: Ambient temperature

**Potassium hydroxide 50% in aqueous solution
Selectipur® for the electronics industry**

Cat. No.	Pk	Pack type
51151878.	2,5 l	Plastic bottle
54197681.	300 kg	Plastic drum
56999579.	300 kg	Plastic drum

This product is not available in all countries. Please check with your local VWR International office or supplier.

**Potassium hydroxide 38% in aqueous solution
AnalR NORMAPUR® analytical reagent**

Assay	38.0 to 40.3 %	Density (20/4)	1.374 to 1.396
Heavy metals (as Pb)	Max. 2 ppm	Potassium carbonate	Max. 1.0 %
Silica	Max. 10 ppm	Total N (Nitrogen)	Max. 1 ppm
Cl (Chloride)	Max. 2 ppm	PO ₄ (Phosphate)	Max. 1 ppm
SO ₄ (Sulphate)	Max. 2 ppm	Al (Aluminium)	Max. 1 ppm
Ba (Barium)	Max. 1 ppm	Ca (Calcium)	Max. 5 ppm
Cd (Cadmium)	Max. 0.1 ppm	Co (Cobalt)	Max. 0.1 ppm
Cr (Chromium)	Max. 2 ppm	Cu (Copper)	Max. 0.1 ppm
Fe (Iron)	Max. 1 ppm	Hg (Mercury)	Max. 0.01 ppm
Mg (Magnesium)	Max. 1 ppm	Mn (Manganese)	Max. 0.1 ppm
Na (Sodium)	Max. 0.25 %	Ni (Nickel)	Max. 0.2 ppm
Pb (Lead)	Max. 0.5 ppm	Zn (Zinc)	Max. 0.5 ppm

Cat. No.	Pk	Pack type
26632.293	1 l	Plastic bottle

**Potassium hydroxide 34% in aqueous solution
AnalR NORMAPUR® analytical reagent**

Assay	34.0 to 36.0 %	Ba (Barium)	Passes test
Density (20/4)	1.330 to 1.352	Heavy metals (as Pb)	Max. 5 ppm
Potassium carbonate	Max. 1.0 %	Substances precipitated by NH ₄ OH	Max. 100 ppm
Cl (Chloride)	Max. 30 ppm	NH ₄ (Ammonium)	Max. 10 ppm
NO ₃ (Nitrate)	Max. 10 ppm	PO ₄ (Phosphate)	Max. 10 ppm
SO ₄ (Sulphate)	Max. 20 ppm	Ca + Mg (as Ca)	Max. 100 ppm
Fe (Iron)	Max. 5 ppm		

Cat. No.	Pk	Pack type
26630.296	1 l	Plastic bottle

**Potassium hydroxide 30% in aqueous solution
Selectipur® for the electronics industry**

Cat. No.	Pk	Pack type
51152355.	2,5 l	Plastic bottle

This product is not available in all countries. Please check with your local VWR International office or supplier.

**Potassium hydroxide, pellets AnalR
NORMAPUR® Reag. Ph. Eur. analytical reagent**

Assay (calculated as KOH)	85.0 to 100.5 %	Solution in water	Passes test
Appearance of solution S	Passes test Ph. Eur.	Identification B	Passes test Ph. Eur.
Solution S1	Passes test Ph. Eur.	Solution S2	Passes test Ph. Eur.
pH (20°C; 0.01 %)	Min. 10.5	Heavy metals (as Pb)	Max. 5 ppm
Total N (Nitrogen)	Max. 5 ppm	Cl (Chloride)	Max. 5 ppm
CO ₃ (as K ₂ CO ₃)	Max. 1.0 %	PO ₄ (Phosphate)	Max. 5 ppm
SiO ₄ (as SiO ₂)	Max. 50 ppm	SO ₄ (Sulphate)	Max. 5 ppm
Al (Aluminium)	Max. 10 ppm	Ca (Calcium)	Max. 10 ppm
Cu (Copper)	Max. 2 ppm	Fe (Iron)	Max. 5 ppm
Na (Sodium)	Max. 5 ppm	Ni (Nickel)	Max. 5 ppm
Pb (Lead)	Max. 5 ppm	Conforms to BDH 10210	Passes test
Conforms to Reag. Ph. Eur.	Passes test		

Cat. No.	Pk	Pack type
26668.263	500 g	Plastic bottle for solids
26668.296	1 kg	Plastic bottle for solids
26668.365	5 kg	Plastic bottle for solids
26668.460	25 kg	Bucket (Plastic)

Potassium hydroxide, pellets Ph. Eur.

Assay (calculated as KOH)	85.0 to 100.5 %	White pastilles	
Appearance	Passes test	Identification A	Passes test
Identification B	Passes test	Identification B	Passes test
Solution S1	Passes test	Solution S2	Passes test
Solution S2	Passes test	Appearance of solution	Passes test
CO ₃ (as K ₂ CO ₃)	Max. 2.0 %	Cl (Chloride)	Max. 50 ppm
PO ₄ (Phosphate)	Max. 20 ppm	SO ₄ (Sulphate)	Max. 50 ppm
SO ₄ (Sulphate)	Max. 50 ppm	Fe (Iron)	Max. 10 ppm
Na (Sodium)	Max. 1.0 %	Heavy metals (as Pb)	Max. 10 ppm
Residual solvents	Passes test		

Cat. No.	Pk	Pack type
26670.294	1 kg	Plastic bottle for solids
26670.363	5 kg	Plastic bottle for solids
26670.465	25 kg	Bucket (Plastic)

Potassium hydroxide, pellets GPR RECTAPUR®

Assay	Min. 85.0 %	Total N (Nitrogen)	Max. 5 ppm
Cl (Chloride)	Max. 50 ppm	CO ₃ (as K ₂ CO ₃)	Max. 2.0 %
PO ₄ (Phosphate)	Max. 20 ppm	SiO ₄ (as SiO ₂)	Max. 100 ppm
SO ₄ (Sulphate)	Max. 50 ppm	Al (Aluminium)	Max. 10 ppm
Ca (Calcium)	Max. 20 ppm	Fe (Iron)	Max. 10 ppm
Pb (Lead)	Max. 20 ppm		

Cat. No.	Pk	Pack type
26669.266	500 g	Plastic bottle for solids
26669.290	1 kg	Plastic bottle for solids
26669.368	5 kg	Plastic bottle for solids
26669.460	25 kg	Bucket (Plastic)