





PO0280 Potassium hydroxide, solution 1 mol/l (1 N)



- KOH
- M = 56,11 g/mol
- CAS [1310-58-3]
- EINECS-No.: 215-181-3
- Density: 1,05 g/cm³
- LD 50 (oral, rat): 273 mg/kg (pure substance)
- EC-Index-No.: 019-002-00-8
- ADR: 8 C5 II UN 1814
- IMDG: 8 II UN 1814
- IATA/ICAO: 8 II UN 1814
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P533 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2815 20 90 00
- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis.

factor 0,999 - 1,001
 uncertainty ± 0,001
 1 ml = 0,05611 g KOH
 This volumetric solution was checked by means of potentiometric methods using Scharlau's potassium hydrogen phthalate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PO02800500 | 500 ml |  |
| PO02801000 | 1 l |  |
| PO0280005P | 5 l |  |
| PO0280010C | 10 l |  |




PO0281 Potassium hydroxide, solution 0,5 mol/l (0,5 N)



- KOH
- M = 56,11 g/mol
- CAS [1310-58-3]
- EINECS-No.: 215-181-3
- Density: 1,02 g/cm³
- LD 50 (oral, rat): 273 mg/kg (pure substance)
- EC-Index-No.: 019-002-00-8
- ADR: 8 C5 II UN 1814
- IMDG: 8 II UN 1814
- IATA/ICAO: 8 II UN 1814
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P533 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2815 20 90 00

• Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis.

factor 0,999 - 1,001
 uncertainty ± 0,001
 1 ml = 0,02806 g KOH
 This volumetric solution was checked by means of potentiometric methods using Scharlau's potassium hydrogen phthalate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PO02811000 | 1 l |  |
| PO0281005P | 5 l |  |
| PO0281010C | 10 l |  |




PO0283 Potassium hydroxide, solution 0,23 mol/l (0,23 N), for determination of crude fibre, according to Weende



- KOH
- M = 56,11 g/mol
- CAS [1310-58-3]
- EINECS-No.: 215-181-3
- Density: 1,01 g/cm³
- LD 50 (oral, rat): 273 mg/kg (pure substance)
- EC-Index-No.: 019-002-00-8
- ADR: 8 C5 III UN 1814
- IMDG: 8 III UN 1814
- IATA/ICAO: 8 III UN 1814
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2815 20 90 00

• Applications: analytical chemistry (for determination of raw fibre, according to Weende).

factor 0,999 - 1,001
 uncertainty ± 0,001
 1 ml = 0,0129053 g KOH
 This volumetric solution was checked by means of potentiometric methods using Scharlau's potassium hydrogen phthalate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PO02831000 | 1 l |  |
| PO0283005P | 5 l |  |
| PO0283010C | 10 l |  |

PO0282 Potassium hydroxide, solution 0,1 mol/l (0,1 N)






- KOH
- M = 56,11 g/mol
- CAS [1310-58-3]
- EINECS-No.: 215-181-3
- Density: 1,01 g/cm³
- Boiling point: ~ 100 °C
- LD 50 (oral, rat): 273 mg/kg (pure substance)
- EC-Index-No.: 019-002-00-8
- ADR: 8 C5 III UN 1814
- IMDG: 8 III UN 1814
- IATA/ICAO: 8 III UN 1814
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313

• Tariff number: 2815 20 90 00

• Applications: analytical chemistry, titrant in volumetric analysis.

factor 0,999 - 1,001
 uncertainty ± 0,001
 1 ml = 0,005611 g KOH
 This volumetric solution was checked by means of potentiometric methods using Scharlau's potassium hydrogen phthalate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PO02821000 | 1 l |  |
| PO0282005P | 5 l |  |
| PO0282010C | 10 l |  |