

POTASSIUM THIOCYANATE, VOLUMETRIC SOLUTIONS

PO0375 Potassium thiocyanate, solution 0,1 mol/l (0,1 N)

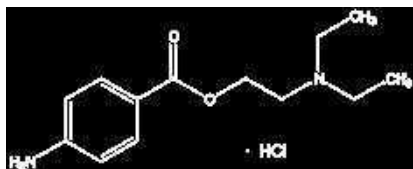
- KSCN
- M = 97,18 g/mol
- CAS [333-20-0]
- EINECS-No.: 206-370-1
- Density: 1,00 g/cm³
- LD 50 (oral, rat): 854 mg/kg (pure substance)
- EC-Index-No.: 615-004-00-3
- Tariff number: 2842 90 80 80
- Applications: analytical chemistry, for determination of: iron.

factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,009718 g KSCN
This volumetric solution was checked by means of potentiometric methods using a silver nitrate standard solution, that was also checked against Scharlab's potassium chloride volumetric standard. Scharlab's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PO03751000 | 1 l |  |

PROCAINE HYDROCHLORIDE

PR0025 Procaine hydrochloride, extra pure, Phampur®, Ph Eur, BP, USP



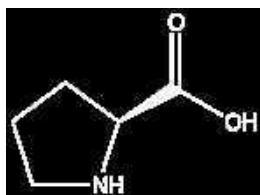
- Synonyms: 2-Diethylamino-4-amino-benzoate hydrochloride
- C₁₃H₂₀N₂O₂·HCl
- M = 272,78 g/mol
- CAS [51-05-8]
- EINECS-No.: 200-077-2
- Solub. in water: (20 °C): soluble
- Melting point: 155 - 157 °C
- LD 50 (oral, rat): 200 mg/kg
- ADR: 6.1 T2 III UN 2811
- IMDG: 6.1 III UN 2811
- IATA/ICAO: 6.1 III UN 2811
- GHS-signal word: Danger
- GHS-H sentences: H301
- GHS-P sentences: P264 - P270 - P321 - P330 - P405 - P501a
- Tariff number: 2922 49 95 90
- Applications: in the pharmaceuticals industry, in pharma industry.
- Appearance: Colourless to white crystals

assay (referred to dried sample) 99,0 - 101,0 %
identification passes test
appearance of solution clear and colourless
melting range 153 - 158 °C
pH (2 %, H₂O) 5,0 - 6,5
related substances passes test
residue on ignition max. 0,1 %
loss on drying (over silica gel) max. 1,0 %
loss on drying (105 °C) max. 0,5 %
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PR00250100 | 100 g |  |



L-PROLINE

PR0055 L-Proline, extra pure, Phampur®, Ph Eur, BP, USP



- Synonyms: 2-Pyrrolidine carboxylic acid
- C₅H₉NO₂
- M = 115,13 g/mol
- CAS [147-85-3]
- EINECS-No.: 205-702-2
- Solub. in water: (20 °C): 1500 g/l
- Melting point: 220 - 222 °C
- LD 50 (oral, rat): > 5110 mg/kg
- Tariff number: 2933 99 90 90
- Applications: in biochemistry, chromatography, synthesis of organic products, in pharma industry.

assay (titration with HClO₄, on dried sample) 98,5 - 101,0 %
identification passes test
appearance of solution clear and colourless
specific rotation ([α]_D²⁰, c = 4, H₂O) - 84,3° - - 86,0°
chlorides (Cl) max. 200 ppm
sulfates (SO₄) max. 300 ppm
ammonium (NH₄) max. 0,02 %
iron (Fe) max. 10 ppm
related substances passes test
residue on ignition max. 0,1 %
loss on drying (105 °C) max. 0,5 %
loss on drying (105 °C, 3 h) max. 0,4 %
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|---|
| PR00550010 | 10 g |  |
| PR00550100 | 100 g |  |