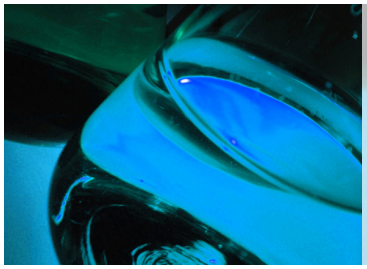
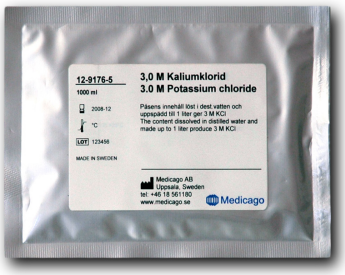


SMART REAGENTS

Potassium Chloride Reagent (KCl)



Features

- Prepared from analytical grade reagent
- Convenient sealed pouches
- Dissolve and use in minutes
- Reproducibility from lot to lot

Product description

Potassium chloride, KCl, is generally used in laboratory routines. Its use as a storage buffer for pH electrodes and as a reference solution for conductivity measurements is well established.

Medicago's KCl supplied as an exactly pre-weighed powder in sealed pouches, giving 1000 ml of 1 M or 3 M potassium chloride when dissolved in deionized water.

Applications

- Multi-purpose routine laboratory reagent
- Storage buffer for pH electrodes
- Reference solution for conductivity

Directions for use

Empty one pouch of the KCl reagent in a laboratory flask or beaker placed on a magnetic stirrer. Add 300 ml of deionized water and stir the solution for a few minutes. Adjust the volume up to 1000 ml, stir until full dissolution and the solution is ready to use.

Shipping and storage

The KCl reagent is shipped at room temperature. Store the pouches in a dry place at room temperature. Shelf life is three years.

Specifications

Chemicals	Analytical grade
Format	Exactly pre-weighed powder
Concentration	1 M KCl and 3 M KCl
Volume	1000 ml
Shelf life	Three years after production date

Tips and hints

If the contents of the pouch is not properly dissolved, make sure:
- the water temperature is 25°C (do not exeed this temperature)
- the solution is properly stirred.

Certifications

Medicago's laboratories and manufacturing site in Uppsala are ISO 9001:2008 and ISO 13485:2003 certified. Each stage of the manufacturing process is controlled and monitored by stringent quality control procedures to guarantee the highest possible quality and lot-to-lot reproducibility.

v. 01 2010-06

Ordering information

Article no.	Product name	Pack size	Solution vol.
12-9175-10	Potassium Chloride, 1M	10 pouches	1000 ml/pouch
12-9176-5	Potassium Chloride, 5M	5 pouches	1000 ml/pouch

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