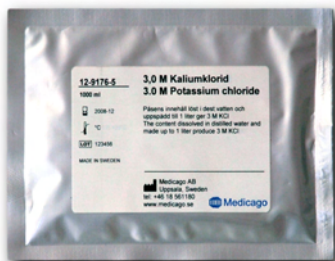


## Potassium Chloride Reagent (KCl)



### 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 exceed 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.



### Ordering information

Article no.	Product name	Pack size	Solution vol.
A12-9175-10	Potassium Chloride, 1M	10 pouches	1000 ml/pouch
A12-9176-5	Potassium Chloride, 5M	5 pouches	1000 ml/pouch