

# SMART REAGENTS

## Sodium Hydroxide Reagent (NaOH)



### Features

- Prepared from pharmaceutical grade reagents - 99.99% pure
- Convenient pouches
- Saves time from weighing

### Product description

Sodium hydroxide is widely used in biochemistry. It is a basic solution and has the ability to raise pH of chemical solutions, for example it useful for neutralization of acids.

Medicago's Sodium Hydroxide Reagent is 99.99% pure and supplied as pre-weighed powder in sealed pouches. One pouch gives 1000 ml of 5 M sodium hydroxide when dissolved in deionized water.

### Applications

- Biochemistry laboratories
- Neutralization of acids

### Directions for use

Empty one pouch of the NaOH reagent in a laboratory flask or beaker placed on a magnetic stirrer. Add 200 ml to 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

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

### Specifications

Chemicals	Pharmaceutical grade
Format	Exactly pre-weighed powder mix
Concentration	5 M NaOH
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.
12-9183-5	Sodium Hydroxide, 5 M	5 pouches	1000 ml/tablet