

# SMART REAGENTS

## Sodium Chloride Reagent (NaCl)



### Features

- Prepared from pharmaceutical grade reagents
- Choice of tablets or powder mix in pouches
- Isotonic
- Choice of three concentrations
- Eliminates variables in laboratory work flow

### Product description

Sodium chloride is widely used in many laboratory routines. Medicago's Sodium Chloride reagent is exactly pre-weighed as tablets or as a powder. For greater convenience a blister pack with 10 tablets is also available. The reagent is 99.99% pure and is supplied in three concentrations. Dissolving one tablet or the contents of one pouch yields a solution containing:

1. 0.9 % sodium chloride (isotonic)
2. 3 M sodium chloride (hypertonic)
3. 5 M sodium chloride (hypertonic)

### Directions for use

Empty one pouch or deposit one tablet of the NaCl reagent in a laboratory flask or beaker placed on a magnetic stirrer. Add deionized water and stir the solution for a couple of minutes. Adjust the volume up to 100 ml, 200 ml or 1000 ml respectively, stir until full dissolution and the solution is ready to use.

### Applications

- General laboratory solution.
- Physiological saline (0.9%) solution routinely used in laboratories when an isotonic solution is needed.

### Shipping and storage

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

### Specifications

Chemicals	Pharmaceutical grade
Format	Exactly pre-weighed tablets and powder
Concentration	1. 0.9% NaCl 2. 3 M NaCl 3. 5 M NaCl
Volume	100 ml, 200 ml and 1000 ml
Shelf life	Three years after production date

### Tips and hints

If the tablet or 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 is ISO 9001:2015 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.



Intertek

### Ordering information

Article no.	Product name	Pack size	Solution vol.
09-9103-100	Sodium Chloride, 0.9 %	100 tablets	100 ml/tablet
09-9105-100	Sodium Chloride, 0.9 %	100 tablets	200 ml/tablet
09-9104-100	Sodium Chloride, 0.9 %	100 tablets	1000 ml/tablet
09-9104-10	Sodium Chloride, 0.9 %	10 tablets*	1000 ml/tablet
12-9190-5	Sodium Chloride, 3 M	5 pouches	1000 ml/pouch
12-9191-5	Sodium Chloride, 5 M	5 pouches	1000 ml/pouch

\*Blister pack