

# SMARTBUFFERS

## Sodium Acetate Buffer, pH 7.0 and pH 5.2



### Features

- Formulated from analytical grade reagents
- Choice of two different pH
- Exactly pre-weighed powder in pouches
- Protected from contamination
- Simply add water

### Product description

Sodium acetate buffer is widely used in molecular and microbiology laboratories for nucleic acid purification. Medicago's Sodium Acetate Buffer is supplied as an exactly pre-weighed powder mix in pouches giving 1000 ml of 3.0 M sodium acetate buffer with pH 5.2 or 7.0 at 25°C.

### Applications

- Nucleic acid purification

### Directions for use

Empty one pouch of the Sodium acetate buffer 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 and the buffer solution is ready to use.

### Shipping and storage

Sodium acetate buffer is shipped at room temperature. Store the pouches in a dry place at room temperature. Shelf life is three years. Stock solutions can be stored at room temperature or 2°C to 8°C for 2 months.

### Specifications

Chemicals	Analytical grade
Format	Exactly pre-weighed powder mix
Concentration	3.0 M Sodium Acetate
Volume	1000 ml
pH	5.2 ± 0.05 at 25°C 7.0 ± 0.05 at 25°C
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 buffer solution is properly stirred.

Sterilization can be performed by filtration. Filtrate the buffer solution through a 0.22 µm filter into a sterile flask. Keep the buffer solution at +4°C.

### 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.



### Ordering information

Article no.	Product name	Pack size	Solution vol.
12-9188-5	Sodium Acetate buffer pH 7.0	5 pouches	1000 ml/pouch
12-9187-5	Sodium Acetate buffer pH 5.2	5 pouches	1000 ml/pouch