

Sodium Acetate Buffer, pH 7.0 and pH 5.2

Article no.	Product name	Pack size	Solution vol.
EU2-9188-5	Sodium Acetate buffer pH 7.0	5 pouches	1000 ml/pouch
EU2-9187-5	Sodium Acetate buffer pH 5.2	5 pouches	1000 ml/pouch

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.

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 content 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

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.