



Borate Buffered Saline (BBS), pH 8.2



Features

- Formulated from analytical grade chemicals
- Exactly pre-weighed tablets in bottles
- Eliminates variables in the laboratory work flow
- Ready to use in minutes
- Bactericidal

Product description

Borate buffered saline (BBS) is commonly used in coating procedures for ELISA and as a component in blocking solutions for Western blotting. The buffer can be used as a sample diluent in biological studies and for various applications within biology and biochemistry to maintain the pH.

Medicago's BBS buffer tablets are exactly pre-weighed and supplied in a pack size of 100 tablets, each tablet giving 500 ml of 0.15 M sodium chloride, 0.01 M borate buffer with pH 8.2 at 25°C when dissolved in deionized water.

Applications

- Protein-coating on microtiter plates
- Blocking solution in blots together with Casein or BSA
- Studies on DNA/RNA

Directions for use

Deposit one tablet in a laboratory flask or beaker placed on a magnetic stirrer. Add 200 ml of deionized water and stir the solution for a few minutes. Adjust the water up to 500 ml, stir until full dissolution and the buffer is ready to use.

Shipping and storage

BBS buffer is shipped at room temperature. Store the tablets in a dry place at room temperature. Shelf life is three years.

Specifications

Chemicals	Analytical grade
Format	Exactly pre-weighed tablets
Composition	0.15 M NaCl 0.010 M Borate buffer, pH 8.2 at 25°C
Volume	500 ml
pH	8.2 ± 0.05 at 25°C
Shelf life	Three years after production date

Tips and hints

If the tablet is not properly dissolved, make sure:

- the water temperature is 25°C (do not exceed this temperature)
- the buffer is properly stirred.

Sterilization can be performed through filtration or autoclaving. Filtrate the buffer solution through a 0.22 µm filter into a sterile flask or autoclave for 15 to 20 min. Keep the buffer solution at +4°C.

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.
09-2053	BBS pH 8.2	100 tablets	500 ml/tablet

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