

SMART BUFFERS

09-0101 Boric Acid tablets 1 g



Benefits

- Formulated from analytical grade reagents
- Exactly pre-weighed in tablet form
- Dissolve and use in minutes
- Eliminates dust and exposure
- Guaranteed reproducibility

Product description

Boric acid is very versatile and can be used in general laboratory work as for example a mild disinfection agent and in the medical field as a preservative and bactericide. Medicago's boric acid is very convenient to use as provided in tablet form which eliminates dust and exposure in the preparation process. It can also be used as a buffer substance. Add one tablet for every gram boric acid needed.

Applications

- General laboratory work

Directions for use

Dissolve one tablet in deionized water. Stir until full dissolution and sterilize by autoclaving at 121°C for 15 minutes if needed. Filter the solution into a sterile flask through a 0.22 µm filter.

Shipping and storage

Boric acid is shipped and stored at room temperature. The tablets are stable for five years if stored in a dry place.

Tips and hints

If the tablet is not properly dissolved, make sure:

- the water temperature is 22-25°C
- the solution is properly stirred
- high quality deionized water is used

Specifications

Chemicals	Analytical grade
Format	Exactly pre-weighed tablets
Concentration	1 g boric acid (H_3BO_3)
pH (1 tablet in 100ml)	4.85 ± 0.1 at 25°C
Shelf life	Five years after production date

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.
09-0101-1000	Boric Acid tablets 1 g	1000 tablets	100 ml/pouch
09-0101-100	Boric Acid tablets 1 g	100 tablets	100 ml/pouch