

WataTest®

OPERATING INSTRUCTIONS



It is essential to test the quality of the sodium hypochlorite solution produced in order to determine the dosage to apply depending on its use.

Materials: WataTest® reagent, 1 mL syringe, graduated pipette, 20 mL dosing spoon (all furnished).

This reagent allows to determine the concentration of active chlorine in grams per liter (Cl, HOCl, OCl-) ranging between 1 to 7 g/L. Measurement accuracy is ± 0.5 g/L.

⚠ The ideal result should be 6 g/L. If you obtain a different concentration at the end of the production, make sure you adjust the dilution of the sodium hypochlorite solution in the water to treat, or begin the procedure again with fresh brine solution.

⚠ Always use a clean, dry syringe to collect the WataTest® reagent.



- 1 Thoroughly mix the concentrated sodium hypochlorite solution to be tested.
- 2 Using the plastic pipette, collect **exactly 2 mL** of the concentrated solution, and place that amount in a dosing spoon, or the small container with a white base.
- 3 Shake the bottle of WataTest® reagent.
- 4 Fill the syringe with the WataTest® reagent and be ready to count the number of drops that will be used.
- 5 Holding the syringe vertically, let the WataTest® reagent fall one drop at a time into the dosing spoon or the small container with a white base and count the number of drops added until the solution changes color. Divide the number of drops by 2 to obtain the concentration in grams per liter (e.g. : 12 drops = 6 g/L).

⚠ Shake gently after adding each drop. If the solution in the dosing spoon or small container turns light-colored again, add one more drop, repeating until the color change no longer reverses.

⚠ Store the WataTest® reagent away from light and at room temperature (approximately 25°C).

⚠ Carefully close the reagent bottle after each use in order to prevent the liquid from oxidising.

⚠ Do not exceed the expiration date shown on the WataTest® bottle label.

⚠ The WataTest® reagent can also measure concentration of other chlorine solutions (NaDCC, HTH, Bleaching powder, bleach), following procedures at: www.antenna.ch

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