

Method of application:

Remove only as many test sticks as required, and reseal the container immediately after use. Do not touch the test paper zones. Dip test stick 1 sec. **with all test fields** into test solution and shake off excess liquid. After 1 minute compare colour pattern of the test fields with colour scale.

Note:

1. In the pH range of 2-12 the accuracy of the determination is independent of the pH of the test solution. Adjust strongly acidic solutions with sodium hydroxide solution, alkaline solutions with nitric acid to about pH 5-7.
2. If the test sticks show a value of 3000 mg/l Cl⁻, the concentration of chloride-ions may actually be higher. For this reason the solution should be diluted with distilled water (1:5) to bring the chloride content into the range of the test paper.
3. The test fields may change after the reaction time has elapsed. This must not be considered in the measurement and does not impair the function of the test stick.

Interferences:

The following ions only interfere above the indicated concentrations:

> 1000 mg/l Al³⁺, Ca²⁺, Cd²⁺, Ce⁴⁺, Cu²⁺, K⁺, Mg²⁺, Mn²⁺, Na⁺, NH₄⁺, Ni²⁺, Pb²⁺, Sn²⁺, Zn²⁺, BO₃⁻, CO₃²⁻, CrO₄²⁻, NO₂⁻, NO₃⁻, PO₄³⁻, SO₃²⁻, SO₄²⁻, acetate, citrate, oxalate, tartrate, EDTA, > 500 mg/l Fe²⁺, Fe³⁺, > 200 mg/l I⁻, > 100 mg/l Ag⁺, Br⁻, SCN⁻, > 75 mg/l Hg²⁺, > 20 mg/l CN⁻, S₂O₃²⁻, > 10 mg/l S²⁻, ascorbate.

Storage:

Avoid exposing the sticks to sunlight and moisture. Store unopened packs in refrigerator. Opened packs: store container in a cool and dry place.