visocolor® ECO
Cyanuric Acid

Test kit for the determination of cyanuric acid in swimming pool water

Introduction:
The use of chlorine in outdoor pools is limited since it tends to be destroyed by strong sunlight. The addition of cyanuric acid can be effective as a stabilizer for chlorine. Chloroisocyanuric acid is directly used as disinfectant in swimming pools.

Method:
Turbidity measurement
Cyanuric acid reacts with a triazine derivative to form a fine precipitate which allows a subsequent visual or photometric determination of turbidity.

Measurement range:
1–100 mg/L cyanuric acid (Cya)

Contents of test kit (*refill pack):
sufficient for 100 tests

20 g Cya1*
1 measuring spoon black 85 mm*
1 spatula 120 mm*
1 sample tube with 10 mL and 20 mL marks
1 measuring tube Cyanuric Acid 10–100 mg/L Cya
1 instructions for use*

Hazard warning:
Information regarding safety can be found on the box' label and in the safety data sheet. You can download the SDS from ***www.mn-net.com/SDS***.

Instructions for use:

a) visual determination
1. Rinse sample tube several times with the test sample and fill up to **20 mL** mark.
2. Add **1 level measuring spoonful of Cya-1** and stir the sample for about 15 s using the spatula. The mixture becomes more or less turbid.
3. After **2 min** pour the liquid from the sample tube into the measuring tube until the black cross on the bottom of the measuring tube is no longer visible (as observed from above). Read off cyanuric acid concentration directly from the graduation on the measuring tube (bottom of the miniscus curve).
4. Immediately after use, rinse out both tubes thoroughly (if necessary, clean with a brush).

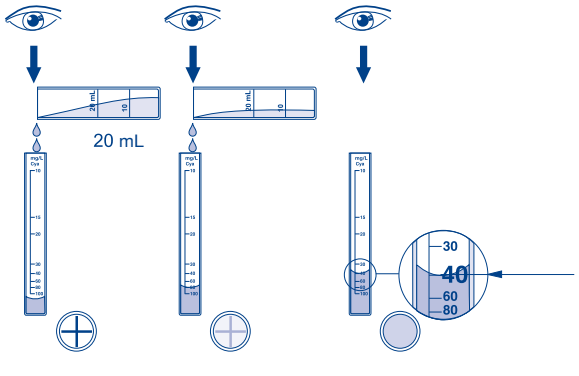
Measurement up to 200 mg/L cyanuric acid:
1. Rinse sample tube several times with the test sample and fill up to **10 mL** mark, then fill up to 20 mL mark with distilled water.
2. Follow procedure given above and multiply read-off value by **2**.

b) photometric determination
The reagents are also suitable for photometric evaluation. Please refer to the separate instructions for photometric performance.
ATTENTION: Fill reaction tube 16 mm OD with 10 mL sample. Add ½ level measuring spoonful of Cya-1.
The method can be applied also for the analysis of sea water.

Disposing of the samples:
Information regarding disposal can be found in the safety data sheet. You can download the SDS from ***www.mn-net.com/SDS***.

Interferences:
Turbidities interfere; turbid test samples have to be filtered prior to the analysis.

Storage:
Store the test kit in a cool (< 25 °C) and dry place.



CTL SCIENTIFIC SUPPLY CORP. 1016-3 Grand Boulevard, Deer Park, NY 11729
Tel: **631-242-4249**
Web: **www.ctlscientific.com**

Manufacturer: **Macherey-Nagel GMbH & CO. KG** Rev: 2025-03