

QUANTOFIX® Arsenic 10

Pack content:

1 aluminium container with 100 test strips	1 reaction vessel
1 bottle of Arsenic-1	1 syringe 10 ml
2 bottles of Arsenic-2	1 needle
2 bottles of Arsenic-3	

Precautions:

Each test field on the test strips contains mercury(II) bromide. Toxic in contact with skin.

General indications:

Remove only as many test strips as are required. Close the container immediately after removing the strips. **Do not touch the test field.**

Instructions for use:

1. Using the syringe, fill 3 x 10 ml sample solution into the reaction vessel. After adding each of the following reagents, shake gently for about 2 secs:
2. 1 drop of Arsenic-1
3. 1 measuring spoon of Arsenic-2
4. 1 measuring spoon of Arsenic-3
5. Immediately afterwards dip the test strip with the test field about 2 cm deep into the reaction vessel and then fit the lid (see drawing). To vent the reaction vessel, pierce the lid with the needle and leave the needle in the lid.
6. Wait 10 minutes.
7. Afterwards dip the test strip with the test field into distilled water for two seconds.
8. Shake off excess liquid and compare with the colour scale.

Interferences:

The following ions interfere with the determination only when the concentrations below are exceeded:

1000 mg/l: Ca²⁺, K⁺, Mg²⁺, Na⁺, Zn²⁺, Cl⁻, CN⁻, CO₃²⁻, SO₄²⁻, EDTA;
500 mg/l: Fe²⁺, Fe³⁺, F⁻; 100 mg/l: Al³⁺, Sn²⁺, CrO₄²⁻, NO₂⁻, NO₃⁻, PO₄³⁻; 25 mg/l: ClO₃⁻;
5 mg/l: Co²⁺; 2 mg/l: S²⁻, SO₃²⁻; 1 mg/l: Ni²⁺, Sb³⁺, SeO₃²⁻, S₂O₃²⁻; 0,5 mg/l: Ag⁺, Cu²⁺.

Storage:

Avoid exposing the strips to sunlight and moisture. Keep container cool and dry (storage temperature between 15°C and 30°C). If correctly stored, the test strips may be used until the use-by-date printed on the packaging.

Additional information:

The test strip container stopper contains a non-toxic drying agent. If swallowed, drink plenty of water.

Product data and ordering information

Type	Semi-quantitative test strips with reagents
Presentation	Tube of 100 test strips with reagents
Color reaction	white to yellow-brown
Gradation	0 · 0.01 · 0.025 · 0.05 · 0.1 · 0.5 mg/l (ppm) As ^{3+/5+}
REF	91334

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