

QUANTOFIX® Arsenic 50

Pack content:

1 aluminum container with 100 test strips 1 reaction vessel
2 bottles As-1 1 syringe 5 mL
2 bottles As-2

Measuring range:

0.05–3.0 mg/L $\text{As}^{3+/5+}$

Color gradation:

0 · 0.05 · 0.1 · 0.5 · 1.0 · 1.7 · 3.0 mg/L $\text{As}^{3+/5+}$

Safety precautions:

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.

General indications:

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

Instructions for use:

1. Use syringe to add 5 mL sample solution into the reaction vessel.
2. Add 1 measuring spoon reagent As-1 and swirl reaction vessel gently.
3. Add 1 measuring spoon reagent As-2.
4. Insert test strip with test field 2 cm into reaction vessel and clamp it with lid (see sketch).
5. During 20 minutes reaction time swirl 3x gently the reaction vessel. The test field should not get in contact with the sample.
6. After 20 minutes remove test strip from reaction vessel, dip it for 2 s with the test field into water.
7. Shake off excess liquid and compare test field to color scale.

Interferences:

1000 mg/L: Br^- , BO_3^{3-} , Ca^{2+} , Cd^{2+} , Cl^- , ClO_4^- , CN^- , CO_3^{2-} , Cr^{3+} , $\text{Fe}^{2+/3+}$, I^- , K^+ , Mg^{2+} , MoO_4^{2-} , Na^+ , Pb^{2+} , SO_4^{2-} , $\text{S}_2\text{O}_8^{2-}$, Sr^{2+} , Zn^{2+} , acetate, ascorbate, citrate, EDTA, oxalate, tartrate

500 mg/L: Ba^{2+} , BrO_3^- , CrO_4^{2-} , F^- , IO_3^- , Ti^+ .

100 mg/L: Al^{3+} , MnO_4^- , NO_3^- , NO_2^- , PO_4^{3-} , Sn^{2+} ; 25 mg/L: Ni^{2+}

5 mg/L: Ag^+ , Bi^{3+} , Co^{2+} , Hg^{+2+} , SO_3^{2-} ; 1 mg/L: Sb^{3+} , SCN^- , $\text{S}_2\text{O}_3^{2-}$, S^{2-}

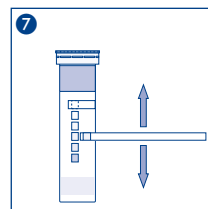
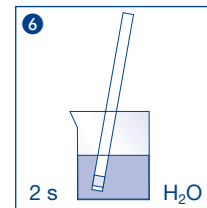
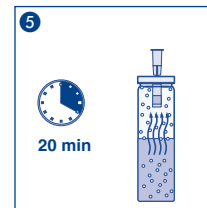
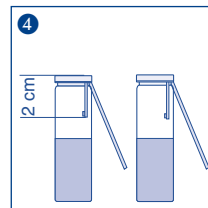
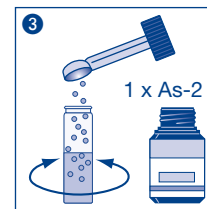
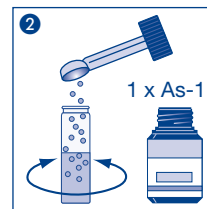
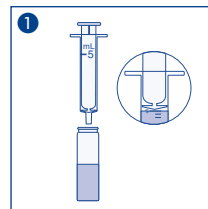
Disposal:

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

Storage:

Avoid exposing the strips to sunlight and moisture. Keep container cool and dry (storage temperature 4–30 °C).

If correctly stored, the test strips may be used until the use-by-date printed on the packaging.



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