

QUANTOFIX® Arsenic 10

Pack content:

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| 1 aluminium container with 100 test strips | 1 reaction vessel |
| 1 bottle of As-1 | 1 syringe 10 mL |
| 2 bottles of As-2 | 1 needle |
| 2 bottles of As-3 | |

Safety precautions:

Each test field on the test strips contains mercury(II)bromide. Toxic in contact with skin. As-2 contains sulfamic acid 50-100 % CAS 5329-14-6. WARNING.

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:

- 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 s:
- 1 drop of As-1
- 1 measuring spoon of As-2
- 1 measuring spoon of As-3
- 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.
- Wait 10 minutes.
- Afterwards dip the test strip with the test field into distilled water for two seconds.
- Shake off excess liquid and compare with the color scale.

Interferences:

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

1000 mg/L: Ca^{2+} , K^+ , Mg^{2+} , Na^+ , Zn^{2+} , Cl^- , CN^- , CO_3^{2-} , SO_4^{2-} , EDTA;
500 mg/L: Fe^{3+} , F^- ; 100 mg/L: Al^{3+} , Sn^{2+} , CrO_4^{2-} , NO_2^- , NO_3^- , PO_4^{3-} ; 25 mg/L: ClO_3^- ;
5 mg/L: Co^{2+} ; 2 mg/L: S^{2-} , SO_3^{2-} ; 1 mg/L: Ni^{2+} , Sb^{3+} , SeO_3^{2-} , $\text{S}_2\text{O}_3^{2-}$; 0.5 mg/L: Ag^+ , Cu^{2+}

Disposal:

Dispose of used strips at an authorised hazardous waste collection point.

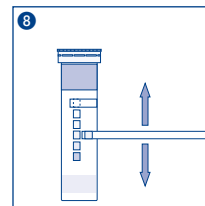
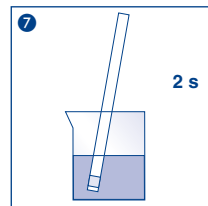
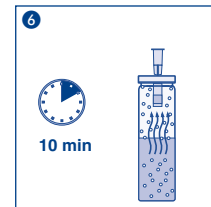
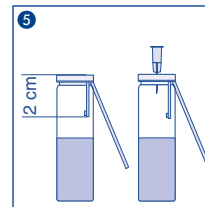
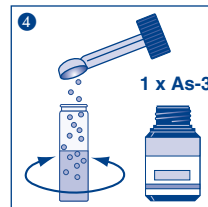
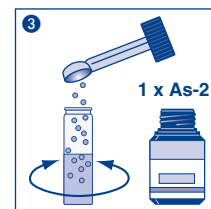
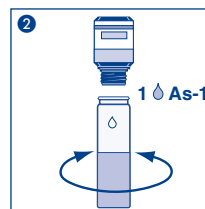
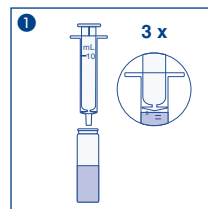
Storage:

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.

Additional information:

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



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