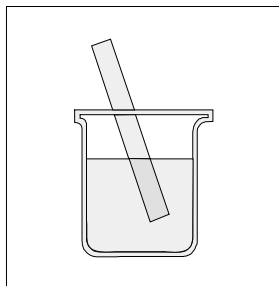


New product

Filtration · Rapid Tests · Water Analysis · Chromatography · Bioanalysis
Filtration · Schnellteste · Wasseranalytik · Chromatographie · Bioanalytik

Highly sensitive determination of arsenic **QUANTOFIX® Arsenic Sensitive**



Method:	Test strips
Range:	0.005 – 0.5 mg/l arsenic ^{3+/5+}
Gradation:	0.005 – 0.01 – 0.025 – 0.05 – 0.1 – 0.25 – 0.5 mg/l As ^{3+/5+}
Sufficient for:	100
Shelf life:	2,5 from production (store in a dry place at 4 – 35 °C)
Price per pack:	€ 123,20
REF:	91345

Content:

The test kit comes in a rugged case. The contents are:

1 tube with 100 test strips	2 reaction vessels including caps
1 bottle Arsenic-1	2 colored measurement spoons
1 bottle Arsenic-2	1 color scale
1 bottle Arsenic-3	1 waste bag for used test strips
1 instruction sheet with pictograms	

Hazardous reagents:

This test contains the following harmful substances, which have to be declared as hazardous in the EU :

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

As-II contains sulfamic acid: Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Wear protective gloves/eye protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

As-III contains zinc powder: Very toxic to aquatic life with long lasting effects. Avoid release to the environment.

Application:

This test is to determine arsenic in drinking water, surface water and waste water. The test's sensitivity allows to reliably control the WHO limit for arsenic in drinking water of 0.01 mg/L.

Key customers:

- Water supply organisations, especially in countries where the soil is known, or suspected to be contaminated with arsenic.
- Emergency response units that build emergency water supplies.

www.mn-net.com



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Characteristics and benefits:

- The especially sensitive test yields results **below the WHO/EU limit** for arsenic down to 0.005 mg/L. Thus, dangerous arsenic contamination of drinking water above the WHO limit can be detected easily and reliably
- The easy test procedure provides **results in ca. 15 minutes**.
- Sulfide interferences are largely eliminated making the test **especially reliable**.
- Only 3 reagents necessary
- Users do not need additional instruments. No calibration or maintenance of the testing device is necessary. This ensures safe results with **minimal effort**.
- Clear instructions with pictograms make the test especially **easy to use**.

General information:

Arsenic and arsenic containing compounds pose a significant health threat. They cause severe poisoning that can potentially be lethal. Therefore, checking drinking water for arsenic is of great importance.

In countries with arsenic containing soil, drinking water may contain significant levels of arsenic. With QUANTOFIX® Arsenic Sensitive the concentration of arsenic in drinking water can be tested quickly and easily.

Procedure:

1. Fill the reaction vessel up to the label (100 ml) with the sample solution. Each time you add one of the following reagents, shake gently for about 2 sec.
2. 2 drops of Arsenic-1
3. 1 measuring spoon of Arsenic-2
4. 1 measuring spoon of Arsenic-3
5. Immediately afterwards, insert the correctly oriented test strip into the cap-opening and close it. The rear end of the strip should be about 2 cm away from the cap
6. Wait 15 minutes.
7. Dip the test strip into water for 2 seconds.
8. Shake off excess liquid
9. Compare test field with color scale.

Accessories:

No accessories are necessary to perform this test.

If you require any further information please contact:

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