

Lovibond® Water Testing

Tintometer® Group



EcoSafe Arsenic

475250

0 - 500 µg/L As

Procedure

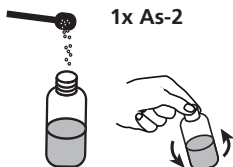
1



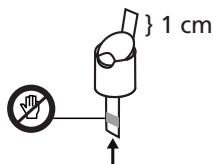
2



3



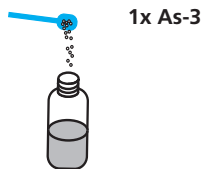
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5



6



7



8

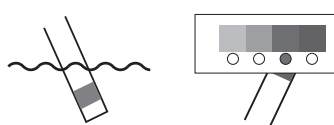


9



0 - 100 µg/L 20 min
0 - 500 µg/L 7 min

10



Instruction manual



- 1** Add 50 mL sample to the reaction bottle to the mark. Avoid drops on the inner wall and the opening.
- 2** Add 2 drops of As Reagent 1 and carefully swirl to mix.
- 3** Add one level black spoon of As Reagent 2 and sway carefully until the powder is completely dissolved.
- 4** Prepare cap of the reaction bottle. Insert a test strip via the underside of the cap into the strip holder till 1 cm of the test strip protrudes.
- 5** Close the strip holder.
- 6** Add one level blue spoon of As Reagent 3 to the reaction bottle.
- 7** Swirl the bottle carefully 5 times.
- 8** Close the bottle tightly with the cap.
- 9** Wait for desired reaction time: 20 min for 0 - 100 µg/L;
7 min for 0 - 500 µg/L range.
- 10** Remove test strip and dip it shortly into reagent free water (sample/ tap water). Get rid of excess water. Then hold test strip under the holes of the comparison card so that the edge of color area is covered. Find best match and read concentration of selected range.

Notes

- $1\mu\text{g/l} = 0.001\text{ mg/L} = 1\text{ ppb}$
- Close the container with the test strips again immediately after removal.
- Avoid any contact of the test strips with sample before reaction is completed. Don't touch the patches.
- Samples containing more than 500 µg/L As must be diluted before analysing with arsenic free water. Take into account the dilution factor.

For more information please scan here:



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