

Instructions for sampling of drinking water for microbiological analyses

A. Necessary equipment and general information

- ♦ Sterile bottles. The bottles can be obtained through us.
- ♦ Gas burner or disinfectant (isopropanol, 70%)
- ♦ Thermometer
- ♦ Order of analysis 'Microbiology Water'

B. Preparation

B.1 Drinking water out of distribution network (sampling: at any time)

- ♦ Remove hoses, filter, and other such added parts from the water tap.
- ♦ Clean the tap with isopropanol or flame it with a gas burner. Then open the tap and wait until the water jet is about pencil-thick.
- ♦ Let the water run until its temperature is constant. Do not touch the tap or change the water flow during this time.

B.2 Spring water (sampling: most convenient during or shortly after rainfall)

- ♦ Collect the sample in the water chamber.
- ♦ If there is more than one inlet, describe the sampling point correctly.

B.3 Groundwater (sampling: most convenient during or shortly after rainfall)

- ♦ Flush the pipes and pre-pump.
- ♦ If the groundwater pumps are running, you can collect the samples immediately.

C. Sampling

- ♦ First, label the bottle. Then, open the lid without touching the inside of the lid or the bottleneck. Hold the lid in your hand (inside downwards).
- ♦ Fill the bottle with water up to the 500-ml mark and close the lid immediately. Never flush the bottle (it contains sodium thiosulfate)
- ♦ Measure the water temperature and note it



D. Transport of samples

Cool the samples and bring them to our laboratory right away.

Do you have questions?

Please do not hesitate to call us (00423 233 38 33) or write us an email (office@labor-matt.com).

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