Purchaser

Company: _____
Name: _____
Street: _____
ZIP / City: _____
Phone: _____
E-Mail: _____
Date of sampling: _____

Signature: _____

Additional information

Sampler: _____
Reason of sampling: _____
Statement during sampling: _____
Location of sampling: _____

Lab report

☐ e-mail ☐ paper
☐ copy via e-mail sent to: _____

If microbiological analysis demanded, the sample must arrive cooled (5°C ± 2°C) on the same day.

Order sheet **hot water, water of usage, bathing water, and setups with particulate matter formation/showers** **Name of sample**						
Type of water	**→ Temperature °C**					
Water of usage		☐	☐	☐	☐	☐	☐
Bathing water		☐	☐	☐	☐	☐	☐
Hot water (water of usage with particulate matter formation)		☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐
Microbiological analysis ***(if every parameter demanded, 1000 ml, although ≥ 500ml) sample bottle red / sterile, with addition***							
Aerobic mesophile bacteria		☐	☐	☐	☐	☐	☐
Escherichia coli in 100 ml		☐	☐	☐	☐	☐	☐
Enterococci in 100 ml		☐	☐	☐	☐	☐	☐
Cheese-damaging anaerobic spores in 100 ml		☐	☐	☐	☐	☐	☐
Pseudomonas aeruginosa in 100 ml		☐	☐	☐	☐	☐	☐
Legionella spp. in 100 ml		☐	☐	☐	☐	☐	☐
Sulfite-reducing clostridia in 100 ml		☐	☐	☐	☐	☐	☐
Mold / Yeast		☐	☐	☐	☐	☐	☐
Haze		☐	☐	☐	☐	☐	☐
Other: _____		☐	☐	☐	☐	☐	☐
Chemical analysis ***(sample amount ≥ 500ml) sample bottle blue / sterile, without addition***							
Alkalinity pH 4.3 (acid capacity)		☐	☐	☐	☐	☐	☐
Calcium		☐	☐	☐	☐	☐	☐
Chloride		☐	☐	☐	☐	☐	☐
Electrical conduction		☐	☐	☐	☐	☐	☐
Combined hardness		☐	☐	☐	☐	☐	☐
Consumption of potassium permanganate (oxidability)		☐	☐	☐	☐	☐	☐
Magnesium		☐	☐	☐	☐	☐	☐
Nitrate		☐	☐	☐	☐	☐	☐
pH-Value		☐	☐	☐	☐	☐	☐
Sulfate		☐	☐	☐	☐	☐	☐
Other: _____		☐	☐	☐	☐	☐	☐

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☞ **Sampling manual for water samples**

Sampling of water samples

For a meaningful result, especially the microbiological water examination, the sample must be properly taken and transported. Please note the following points:

Required material

- Sample bottles, 5 dL (can be purchased at BAMOS AG)
- Order sheet BAMOS AG
- Gas torch or denaturated alcohol (ethanol ca. 75%)
- Thermometer

Preparation of sampling

- Wash hands thoroughly with soap, rinse well and dry with disposable paper
- Provide sterile sample bottles
- Required sample amount: 5 dL for microbiological and 5 dL for chemical analysis
- Remove hoses, couplings, sieve attachments etc. from the tap
- Clean and rinse water tap – outlet
- Flame and desinfect tap and outlet
- Open tap and allow the water to rise to a constant temperature for at least 5 to 10 minutes with a medium jet

Procedure of sampling for microbiological examinations

- Do not turn on the tap again
- Open the sterile sample bottle. Do not touch the inside of the lid and the neck of the bottle
- Close bottle immediately and label clearly
- Fill out order sheet

Procedure of sampling for legionella samples

- Place a sample on the shower head or tap furthest away from the hot water preparation. In case of doubt or larger buildings with multiple tracts, sample two or more sampling sites
- If possible, collect the samples after a nocturnal standstill, preferably in the morning
- SAMPLE 1: Run the water only briefly until it‘s hot. Then immediately fill the sample. In this way, a network contamination is detected.
- SAMPLE 2: Let the hot water run for a few minutes until the temperature has stabilized. Then fill the sample. If you have the technical options, measure the temperature now and record it on the survey report (the temperature helps to assess the results).In this way a contamination of the central water heater is detected.

Procedure of sampling for chemical examinations

- Provide second sample bottle
- Open the sample bottle and fill slowly - avoid air bubbles
- If bottle is full, with little air in the headspace - close tightly and label clearly
- Fill out order sheet

Sample transport (cooled, not on fridays and before holidays)

- On the same day, as soon as possible to the lab (within a maximum of 24 hours)
- Drop off directly at the counter of BAMOS AG
- Drop off at one of the BAMOS collection point
- Shipping cooled (cooling elements) by A-mail or by night express
- **Fill out order sheet**