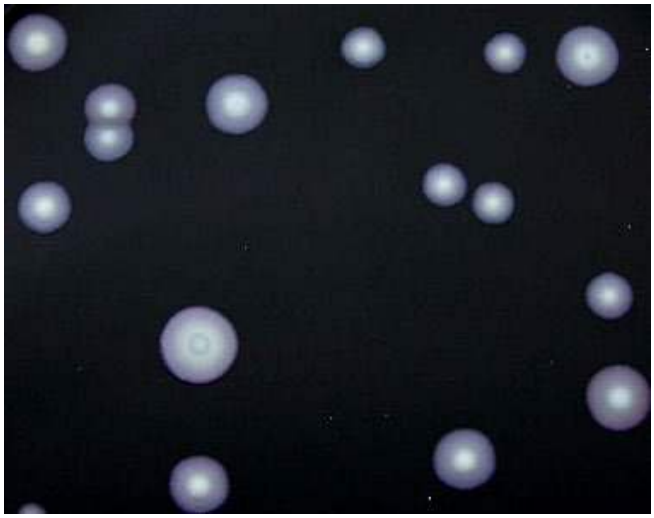
Damage and material analysis
Microbiological water and air analysis

In industrialised countries, it is impossible to imagine air conditioning systems, ventilation systems and cooling towers without water. If the microbiological water quality is not taken into account, this can lead to health risks from pathogens. Legionella bacteria are particularly critical here, as they pose a considerable risk of infectious diseases in domestic hot water (e.g. showers). Avoid risks - have your water quality analysed by our specialists and take advantage of our offer of professional advice.

Our services
- Carrying out independent water and air analyses
- Advice on questions regarding microbiological water quality and recommendation of suitable measures against fouling, biofouling, legionella infestation and microbiological corrosion
- Delivery of suitable sample containers
- Sampling and measurements on site

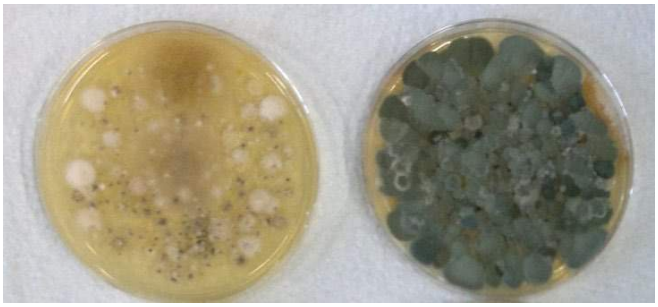


Incubated legionella

Delivery time
Depending on the type and scope of the tests carried out or the required test duration. Usually 3 - 10 working days. For more complex tests, a delivery date will be agreed by arrangement.

Test methods
- Analysis of the total bacterial count in hot water or from open ventilation and cooling systems
- Detection of legionella in hot water or from open ventilation and cooling systems in accordance with the DIN EN IS0 11731-2 standard
- Carrying out microbiological indoor air measurements indoors (bacteria, fungi) in accordance with the SWKI VA104-01 and 02 standards
- Analysis of solid residues for microbiological activity

Equipment for taking samples for water analysis and bacterial indoor air measurements



Agar plates of cultivated bacteria (left) and fungi from the outside air (right)

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