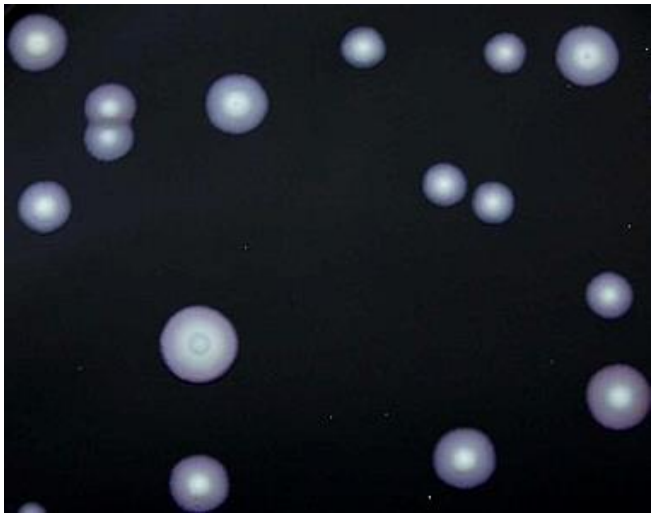
Damage and material analysis
Microbiological water and air analysis

In the industrialized countries, it is no longer possible to imagine air conditioning systems, ventilation systems and cooling towers without water. If microbiological water quality is disregarded, health risks from pathogens can arise. Legionella are particularly critical in this respect, as they pose a considerable risk of infectious diseases in hot water for domestic use (e.g. showers). Avoid risks - have your water quality analysed by our specialists and take advantage of our offer of professional advice.

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

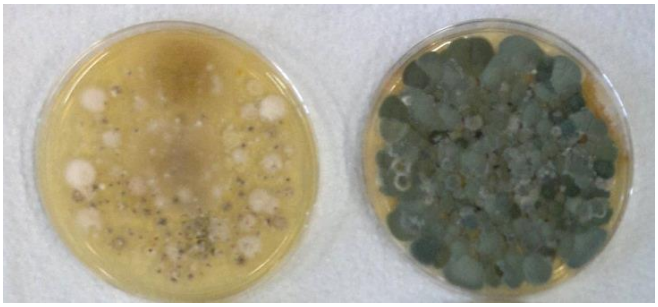


Incubated Legionella

Delivery time
Depending on the type and scope of the tests carried out or the necessary test duration. Usually 3 - 10 working days. For more demanding tests, a delivery date is agreed upon in consultation.

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

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



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

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