

# Cooling Water Lab Analysis

Product group: **111** Product number: **980003**

Global Lab Services (GLS) - WSS Cooling Water Lab Analysis offers accurate and reliable testing of cooling water chemistry to detect risks such as fouling, corrosion, microbiological growth, and scaling—ensuring optimal system performance and compliance with marine standards.



Areas of coverage include:

1. Singapore
2. Piraeus, Greece
3. Houston, USA
4. Livingston United Kingdom
5. Las Palmas, Spain
6. Sharjah, UAE
7. Shanghai, China

## Product information

Test Parameters Overview WSS's Cooling Water Lab Analysis includes testing for the following key parameters:

pH  
Conductivity  
Copper  
Iron  
Calcium  
Magnesium  
Total Hardness  
Silica  
Zinc  
Sulphate  
Aluminium  
Nitrate  
Nitrite  
Chloride

These parameters provide in-depth insights into the chemical stability and treatment effectiveness of your cooling water system. They help identify early signs of scaling, corrosion, contamination, or biological activity, all of which can compromise heat exchange efficiency and lead to operational disruptions.

By routinely analyzing these indicators, operators can make informed adjustments to treatment programs and adopt predictive maintenance practices to protect assets and improve long-term performance.

### Features

- Covers 14 essential chemical parameters relevant to cooling water systems
- Each test is targeted to detect and diagnose specific operational or chemical concerns
- Results support data-driven monitoring and treatment optimization

### Benefits

- Enables early detection of fouling, corrosion, and scaling risks
- Facilitates timely corrective actions to avoid system failures
- Enhances equipment longevity, energy efficiency, and overall system reliability

## Related products

Is frequently bought together with

**980002**  
Boiler Water Lab Analysis

**980004**  
Potable Water Lab Analysis (Biological)

**980005**  
Potable Water Lab Analysis (Biological & Chemical)

**767164**  
WATER SAMPLE KIT

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