

Eurofins Proficiency Tests 2026



Proficiency tests for wastewater analyses 2026

The proficiency tests are performed under DANAK accreditation no. 534 in accordance with DS/EN ISO/IEC 17043.

Proficiency test	SPIL-1		SPIL-2	
Date for proficiency test	12 March 2026		30 April 2026	
Sample type	Wastewater, effluent		Synthetic wastewater, effluent	
Concentration range	COD _{Cr} 5 - 75 mg/L O ₂ BOD (w. ATU)2 - 6 mg/L O ₂ NVOC/TOC2 - 30 mg/L C Total phosphorus0,2 - 2 mg/L P Chloride50 - 700 mg/L Sulphate20 - 200 mg/L Suspended solids20 - 100 mg/L		Total nitrogen2 - 10 mg/L N Ammonium0,1 - 2 mg/L N Nitrite+nitrate/Nitrate1 - 5 mg/L N Conductivity50 - 300 mS/m pH6 - 9	
Objective	<ul style="list-style-type: none">Assessment of interference that may appear by analysis of natural samples.Quality of analysis for the above parameters at low concentration level.		<ul style="list-style-type: none">Recovery of a theoretical value in an unknown sample.Quality of analysis for the above parameters at low concentration level in samples with no interfering substances.	
Number of samples	2 samples, 2.5 L each, for organic matter. 2 samples, 250 mL each, for phosphorus, chloride and sulphate. 2 samples, 1000 mL each, for total suspended solids.		2 samples, 250 mL each, for ammonium, total N, nitrite+nitrate/nitrate, conductivity. 2 samples, 50 mL each, for pH.	

Proficiency test	SPIL-3		SPIL-4	
Date for proficiency test	10 September 2026		12 November 2026	
Sample type	Untreated sewage		Wastewater, effluent	
Concentration range	COD _{Cr} 100 - 800 mg/L O ₂ BOD (w. ATU)50 - 500 mg/L O ₂ NVOC/TOC50 - 800 mg/L C Total phosphorus5 - 10 mg/L P Chloride50 - 700 mg/L Sulphate20 - 200 mg/L Suspended solids100 - 500 mg/L		Total nitrogen2 - 10 mg/L N Ammonium0,1 - 2 mg/L N Nitrite+nitrate/Nitrate1 - 5 mg/L N Conductivity50 - 300 mS/m pH6 - 9	
Objective	<ul style="list-style-type: none">Assessment of interference that may appear by analysis of highly contaminated natural samples.Quality of analysis for the above parameters at high concentration level.		<ul style="list-style-type: none">Assessment of interference that may appear by analysis of natural samples.Quality of analysis for the above parameters at low concentration level.	
Number of samples	2 samples, min. 0.5 L each, for organic matter. 2 samples, 250 mL each, for phosphorus, chloride and sulphate. 2 samples, 250 mL each, for total suspended solids.		2 samples, 250 mL each, for ammonium, total N, nitrite+nitrate/nitrate, conductivity. 2 samples, 50 mL each, for pH.	

This is how it works

Samples

Samples for the proficiency test are distributed together with an instruction on handling of the samples and reporting the results. The participant analyses the samples in exactly the same way as any normal waste water sample.

Results

Results and applied methods are submitted online in Eurofins Proficiency Testing Portal. Further information will be forwarded shortly before the proficiency test date. Each laboratory receives a unique code number, and all data analysis are treated confidential and anonymous.

In the report it will therefore only be possible to identify results from an individual laboratory if the code number is known. Only the laboratory itself can reveal the code number.

Report

Eurofins performs the data analysis and an evaluation of all results.

A report is sent to each participant showing clearly the quality of analysis for the laboratory compared to other laboratories and to the value assigned to the sample and parameter by us.

Interested to know more?

If you wish to know the procedures and data analyses performed in more detail, please visit our website:
www.eurofins.dk/proficiencytest

Registration

You can register online at our website:
www.eurofins.dk/proficiencytest

Here you can access the Eurofins Proficiency Testing Portal through a link. Participants needs to register as a user, before entering the portal and signing up for the proficiency testing rounds. To get a user for the Portal, you must go to "Create a user for the portal" on the website, or contact Eurofins Environment by email: proficiencytest@etn.eurofins.com.

After your user have been created, you can log in and register for the desired proficiency tests.

Please note, that we need your registration 4-6 weeks before the first proficiency test that you plan to participate in.

Reminder

Approximately one month before a proficiency test, Eurofins sends a reminder for all registered participants. The reminder advises the laboratory of the expected arrival date for samples.

Cancellation of participation

Cancellation is possible on the following conditions:

- Cancellation one month before a proficiency test: 20% of the total fee for the proficiency test will be charged;
- Cancellation later than one month before a proficiency test: The full fee for the proficiency test will be charged.

If you have questions

If you have questions regarding the proficiency test, online registration etc., please contact proficiencytest@etn.eurofins.com.





Contact information

If you have any questions

Phone: +45 70 22 42 66

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eurofins

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About us

Eurofins Scientific is a global market leader in food, environment, pharma and product testing. Eurofins has laboratories all over the world where we perform laboratory analyzes and services of the highest quality.