

Contact names

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Assigning code numbers

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Web-site

www.eurofins.dk/proficiencytest



Eurofins Proficiency Tests 2012



Proficiency tests for wastewater treatment plant analyses 2012

	SPIL-1	SPIL-2	SPIL-3	SPIL-4
Date for proficiency test	15 March 2012	24 May 2012	13 September 2012	8 November 2012
Sample type	Wastewater, effluent	Synthetic wastewater, effluent	Untreated sewage	Wastewater, effluent
Concentration range	COD _{Cr} 5 - 75 mg/L O ₂ BOD (w. ATU) 2 - 6 mg/L O ₂ NVOC/TOC 2 - 30 mg/L C Total phosphorus 0.2 - 2 mg/L P Chloride 50 - 700 mg/L Sulphate 20 - 200 mg/L Susp. solids 20 - 100 mg/L	Total nitrogen 2 - 10 mg/L N Ammonium 0.1 - 2 mg/L N Nitrite+nitrate 1 - 5 mg/L N Conductivity 50 - 300 mS/m pH 6 - 9	COD _{Cr} 100 - 800 mg/L O ₂ BOD (w. ATU) 50 - 500 mg/L O ₂ BOD (wo. ATU) 50 - 500 mg/L O ₂ NVOC/TOC 50 - 800 mg/L C Total phosphorus 5 - 10 mg/L P Chloride 50 - 700 mg/L Sulphate 20 - 200 mg/L Susp. solids 100 - 500 mg/L	Total nitrogen 2 - 10 mg/L N Ammonium 0.1 - 2 mg/L N Nitrite+nitrate 1 - 5 mg/L N Conductivity 50 - 300 mS/m pH 6 - 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. 	<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, 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, conductivity 2 samples, 50 mL each, for pH	2 samples, 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, conductivity 2 samples, 50 mL each, for pH
Price (Euro excl. VAT)	720.-	460.-	720.-	460.-

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

The laboratory reports the results to an independent firm of accountants, KPMG. KPMG gives each participant a unique code number and sends the coded results to Eurofins for data analysis. The code number is known only to the laboratory itself and KPMG.

In the report it will therefore only be possible to identify results from an individual laboratory if the code number is known. KPMG will only reveal the code number to the laboratory itself. However, KPMG sends code numbers for Danish accredited laboratories to DANAK, the Danish accreditation scheme.

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 web-site:

www.eurofins.dk/proficiencytest

Registration

You will find parameters and prices on the attached registration form. You can register by sending the form to us, preferably by electronic mail. Please note, that we need your registration 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 until three months before a proficiency test: 10% of the fee for the proficiency test in question is charged;
- Cancellation between three months and 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, please contact Elsebeth Koldby, Pro-Lab by e-mail (elsebeth.koldby@pro-lab.dk) or telephone (+45 21 42 79 76 or +45 45 76 79 76).