

Proficiency tests and interlaboratory comparisons 2025



Proftest Syke is accredited proficiency test and interlaboratory comparison organizer. We provide a wide range of interlaboratory comparisons for different sectors, related to e.g. environmental measurements. As proficiency testing experts we offer our services as consultants and trainers, and we develop our services continuously to fulfill the needs of the evolving field of analytics.

Proftest Syke is accredited proficiency testing provider by Finnish accreditation service (scope: PT01).



Interlaboratory comparison are tests organized in the same way for two or more participants on the same or similar samples and of the predetermined variables. They are used to externally evaluate the performance of the participants and the comparability of the analytical results.

Interlaboratory comparison is proficiency test (PT) when the performance evaluation is done against predetermined criteria. Participation in interlaboratory comparisons provides external quality assessment of the routine analyses and the laboratories can compare their results with those from other participants.



Aiming to reliable
measurement
data



Suomen ympäristökeskus
Finlands miljöcentral
Finnish Environment Institute

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Sustainable use of water resources

Natural water

Natural water analyses NW 02/2025 8

Measurands: Chlorophyll *a*, conductivity, colour, N_{NH4}, N_{NO2+NO3}, N_{tot}, P_{PO4}, P_{tot}, pH, suspended solids, turbidity
Samples: A, brackish water, river or lake water
Concentration: Natural water level
Price: 919 €

Wastewater

Wastewater analyses I WW 03/2025 12

Measurands, Wastewater: BOD₇, COD_{Cr}, COD_{Mn}, Ca, K, Mg, Na, suspended solids, TOC
Natural water: BOD₇ and COD_{Mn}
Samples: A, pulp and paper industrial wastewater, municipal wastewater, natural water
Concentration: Wastewater and natural water level
Price: 904 €

Wastewater analyses II WW 11/2025 48

Measurands: Chloride, conductivity, colour, N_{NH4}, N_{NO2+NO3}, N_{tot}, P_{PO4}, P_{tot}, pH, sulphate
Samples: A, pulp and paper industrial wastewater, municipal wastewater
Concentration: Wastewater level
Price: 842 €

Drinking water

Radon in ground water RAD 05/2025 19

Measurand: ²²²Rn
Samples: Drinking water
Concentration: Natural level
Cooperation partner: STUK
Price: 650 €

Drinking water analyses DW 07/2025 37

Measurands: Alkalinity, chloride, fluoride, conductivity, pH, NO₂, NO₃, NH₄, Fe, Mn, Ca, K, Mg, Na, sulphate, TOC, turbidity
Samples: A, ground water, drinking water
Concentration: Drinking water level
Price: 1089 €

Intercomparison test for field measurements*

KMV 08/2025

Measurands: Oxygen, temperature, pH, conductivity, turbidity
Location: Natural water body, Southern Finland
Timing: September 2025
Price: 400 € / field meter

Cooperation with e.g.



Built environment

Swimming pool water analyses SPW 01/2025 5

Measurands: Combined, free and total chlorine, KMnO₄, nitrate, pH, turbidity, urea
Samples: A, swimming pool water
Concentration: Swimming pool water level
Cooperation partner: Metropolilab Oy
Price: 801 €

Gross and net calorific values of solid fuels 36

CAL 06/2025
Measurands: Gross and calorific value, moisture and ash content, volatile compounds, C, Cl*, F*, H, N, S
Samples: Coal, biofuel
Cooperation partner: Eurofins Environment Testing Finland Oy, Jyväskylä
Price: 885 €

Asbestos in building material samples* ABS 09/2025 39

Measurands: Analysis and identification of asbestos
Samples: Building material
Cooperation partner: TTL
Price: 520 €

Hazardous substances

Natural water and wastewater metal analyses 18

MET 04/2025

Measurands: Al, As, B, Ba, Cd, Co, Cr, Cu, Fe, Hg, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn
Samples: A, river or lake water, municipal wastewater
Concentration: Natural water and wastewater levels
Price: 995 €

Oil hydrocarbons in water and soil OIL 10/2025 45

Measurands: C5-C10, >C10-C40, >C10-C21, >C21-C40
Samples: A, surface water, soil
Concentration: Waste and wastewater level
Price: 1100 €

Registration and other information

- Registration for our proficiency tests and intercomparisons opens 1-2 months before the sample delivery.
- Actual information is available on our website (syke.fi/proftest/en) as well as from our electronic user interface, [ProftestWEB](#).
- Depending on the test, synthetic and/or different matrix samples are provided. The concentration level of the provided samples are according to the typical levels of sample types.
- Prices informed here are preliminary, the final price for the test is informed on the Information letter for the PT/ILC. More information from the Guide for participants (syke.fi/proftest/en).

5 Sample delivery, week number

A Synthetic sample

* Intercomparisons or measurements marked with * are not included in the accreditation scope.