SYKE Proficiency tests and other interlaboratory comparisons in 2010

- SYKE is the Proficiency Testing Provider No. PT01 accredited by FINAS Finnish Accreditation Service.
- The proficiency testing service in SYKE conforms to the requirements of the Guide ISO/IEC 43-1:1997.
- *) does not include in the accredited scope.

PROFIENCY TESTS/MEASURANDS	SAMPLES	DISTRIBUTION	FEE/€
1/2010 Nutrients in natural water Alkalinity, conductivity, pH, N_{tot}, N_{NH4}, $N_{NO3+NO2}$, P_{tot}, P_{PO4}, $P_{tot, dissolved}$, $P_{PO4, dissolved}$	1 artificial 1 coastal water 1 lake water	Week 6	645
2/2010 BOD_7, COD_{Cr}, COD_{Mn}, suspended solids, Na, TOC in waste water	1 artificial 1 pulp- and paper industrial effluent 1 municipal effluent	Week 11	660
3/2010 Metals in water and sediment Al, As, Cd, Co, Cr, Cu, Fe, Hg, Mn, Ni, Pb, Se, V, Zn in water and sediment N, P, S and TC in sediment	2 artificial 1 natural water 1 industrial effluent 1 municipal effluent 1 sediment	Week 17	800
4/2010 Chlorophyll a, oxygen, SiO_2, TOC, salinity in natural water	1 artificial 1 coastal water 1 lake water	Week 22	600
5/2010 Calorific value in fuels Gross and net caloric value, moisture and ash content, C, H, N, S	1 coal 1 peat	Week 37	550
6/2010 Analytes in drinking water COD_{Mn}, fluoride, hardness, chloride, pH, N_{NO2}, N_{NO3}, N_{NH4}, Ca, K, Mg, Na, sulphate, conductivity Fe, Mn (spectrophotometric determination)	1 artificial 1 natural water 1 tap water 1 municipal effluent (Fe, Mn)	Week 38	770
7/2010 Nutrients in waste water P_{PO4}, P_{tot}, $N_{NO3+NO2}$, N_{NH4}, N_{tot} , pH, conductivity in water N_{tot}, P_{tot} in sludge	1 artificial 1 pulp- and paper industrial effluent 1 municipal effluent	Week 44	690
8/2010 PAH-compounds*), VOC compounds and oil hydrocarbons in soil and water	1 artificial 1 ground water 1 contaminated soil	Week 46	VOC 550 Oil 500 PAH 600

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