

PT 34: Fresh Waters, Physico chemical analysis

Details of the program:

- Proficiency testing scheme created in 1998
- **138 registered laboratories from 36 countries**
- **PTS accredited by COFRAC**
- 6 rounds per annual series
- The time for analysis is 4 weeks



Schedule:

CODE	MATRIX	NEXT SHIPMENT
0134, 0234, 0334 1634, 3834 4334	Surface water Feed water Mineral water	2023/09/26
1234, 3434, 3734 0834, 0434, 0534	Feed water Surface water	2023/11/21
0134, 2534, 0234, 0334 1634	Surface water Feed water	2024/01/23
1234, 3434 0834, 0434, 0534	Feed water Surface water	2024/02/13
1734, 1634 0134, 0334 4334	Feed water Surface water Mineral water	2024/03/19
0634, 3534, 0834 1834, 1934	Surface water Feed water	2024/05/21

VOLUME	1000 ml	=> 0134, 0334, 0634, 1234, 3834, 4334
	2 x 1500 ml	=> 0234, 1734
	500 ml	=> 0434, 0534, 0834, 1834, 1934, 3434, 3534
	250 ml	=> 1634, 2534, 3734
	125 ml	=> 2534

ANALYTES	DETAILS
0134	Chemical Oxygen Demand, Total Organic Carbon, Dissolved Organic Carbon, Kjeldahl and total nitrogen, Total phosphorus, Oxydability with KMnO_4
0234, 1734	Dissolved silica, Calcium, Magnesium, Sodium, Potassium, pH, conductivity, Dissolved salts, Complete Alkalimetric Titration, Chlorides, Sulfates, Nitrates, Fluorides, Bromides, Hardness, Turbidity, True color, Perchlorates, Biochemical demand in O_2 , Ammonium, Nitrites, Orthophosphates, Dissolved Organic Carbon, Chromium VI, Transmittance at 254 nm ^{NA}
0334	Suspended solid
0434, 1834	Phenol index
0534, 1934	Anionic surfactants
0634, 1234	Aluminum, Antimony, Arsenic, Barium, Beryllium, Bismuth (1234), Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Gadolinium, Tin, Total iron, Lithium, Magnesium, Manganese, Molybdenum, Nickel, Lead, Phosphorus ^{NA} , Potassium, Selenium, Silica, Sodium, Strontium, Sulfur ^{NA} , Tellurium, Thallium, Titanium, Tungsten, Uranium, Vanadium, Zinc.
0834	Free and total cyanides
1634	Bromates, Chlorites, Chlorates
2534	Chemical Oxygen Demand
3434 & 3534	Silver, Mercury, Chromium VI
3734	Metals low concentration (short list)
3834	Physico-chemistry, low concentration (short list)
4334	Dry residue

NA *: Not accredited parameter

Note: Matrices and analytes may be changed or removed for technical or scientific reasons.

Please refer to current application form available in your member area (www.bipea.org).