

PT 52: Waste Waters, Physico chemical analysis

Details of the program:

- Proficiency testing scheme created in 1998
- **100 registered laboratories from 28 countries**
- **PTS accredited by COFRAC**
- 6 rounds per annual series
- The time for analysis is 4 weeks



Schedule:

CODE	MATRIX	NEXT SHIPMENT
1052, 4152, 1252, 1752, 1852	Waste water inlet	2023/08/29
1452, 1552, 1652, 3052	Waste water inlet	2023/10/24
2152	Synthetic water (with lecithin)	
4552	Synthetic waste water	
0152, 4052, 0352, 0852, 0952	Waste water outlet	2023/12/12
0552, 0652, 0752, 2952	Waste water outlet	2024/02/27
2152	Synthetic water (with lecithin)	
3152, 4252, 3352, 3852, 3952	Industrial waste water (synthetic)	2024/03/26
3552, 3652, 3752	Industrial waste water (synthetic)	2024/04/23
2152	Synthetic water (with lecithin)	

VOLUME	1500ml => 0652, 1552, 3652
	1000ml => 0152, 0552, 0752, 1052, 1452, 1652, 3152, 3552, 3752, 4552
	500 ml => 0352, 0852, 0952, 1252, 1752, 1852, 2952, 3052, 3352, 3852, 3952
	250 ml => 2152, 4052, 4152, 4252

ANALYTES	DETAILS
0152, 1052, 3152	Aluminum, Antimony, Arsenic, Barium, Beryllium, Bismuth ^{NA} (0152 and 3152), Boron, Calcium, Cadmium, Total chromium, Cobalt, Copper, Tin, Iron, Lead, Lithium, Magnesium, Manganese, Molybdenum, Nickel, Phosphorus ^{NA} , Selenium, Total sulfur, Strontium, Tellurium, Thallium, Titanium, Uranium, Vanadium, Zinc, Zirconium
0352, 1252, 3352	Total cyanides, Free cyanides
0552, 1452, 3552	COD, TOC, DOC, Sodium, Potassium, Ammonium, Calcium, Magnesium, Kjeldahl and total nitrogen, Total phosphorus
0652, 1552, 3652	Dissolved silica, pH, Conductivity, Chlorides, Sulfates, Nitrates, Fluorides, Bromides, BOD, Nitrites, Orthophosphates, Dissolved salts, Turbidity ^{NA} , Perchlorates ^{NA} (1552, 3652)
0752, 1652, 3752	Suspended solids, total solids ^{NA}
0852, 1752, 3852	Phenol index
0952, 1852, 3952	Anionic surfactants
2152	Chromium VI, Nitrite
2952 & 3052	Extractable substances by hexane
4052, 4152, 4252	Silver and Mercury
4552	Physico-chemical parameters low concentration (short list)

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).