

PT 15: Soils

Details of the program:

- Proficiency testing scheme created in 1983
- **90 registered laboratories from 23 countries**
- **PTS accredited by COFRAC**
- 10 rounds per annual series
- The time for analysis is 4 weeks
- Samples are shipped via express carrier at the end of the previous month.



Schedule:

DATE	CODE	MATRIX	WEIGHT
September	0115	Soil	750 g
October	0115	Soil	750 g
November	0115	Soil	750 g
December	0115	Soil	750 g
January	0115	Soil	750 g
February	0115	Soil	750 g
March	0115	Soil	750 g
April	0115	Soil	750 g
May	0115	Soil	750 g
June	0115	Soil	750 g

ANALYTES

Physical: Active lime, Carbonate, Humidity.

Granulometric: Clay, Fine silt, Coarse silt, Fine sands, Coarse sands.

Grain size criteria after decarbonation^{NA}

Chemical: pH, P₂O₅, K₂O free, CaO free, MgO free, Na₂O free, Organic Carbon, Total Nitrogen, Nitric Nitrogen, Ammoniacal Nitrogen, Cationic exchange capacity, Boron,

Cu, Fe, Mg^{NA}, Zn, Extraction by ammonium acetate expressed in EDTA and by tempered solution of DTPA

Metals: Arsenic, Cadmium, Chromium, Cobalt^{NA}, Copper, Nickel, Lead, Zinc, Mercury, Molybdenum^{NA},

Electrical conductivity

Water-soluble elements ^{NA} : Ca^{NA}, Mg^{NA}, K^{NA}, Na^{NA}, P₂O₅^{NA}

Analyses of the cobaltihexammine exchangeable cations : Ca²⁺ ^{NA}, Mg²⁺ ^{NA}, K⁺ ^{NA} and Na⁺ ^{NA}

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).