

PT 45: Organic Fertilizers

Details of the program:

- Proficiency testing scheme created in 2001
- **40 registered laboratories from 10 countries**
- PTS accredited by COFRAC
- 5 rounds per annual series
- The time for analysis is 4 weeks
- Samples are shipped via express carrier around the 15th of the month.



Schedule:

DATE	CODE	MATRIX	VOLUME
September	0145	Soil improver*	5 L
November	0445	Growing media*	7 L
January	0945	Organic fertilizer - household waste compost*	5 L
March	1145	Digestate*	7 L
May	0845	Organic fertilizer	5 L

* Refrigerated samples

ANALYTES The list of analytes below varies according to the nature of the sample

Compacted density, Chromium VI ^{NA}, Dry matter, Organic matter, pH, Conductivity at 25°C, Total porosity, Water volume, Air volume, Retraction value, Dry visible density, Total Nitrogen, Ammoniacal Nitrogen, Nitric Nitrogen, Phosphorus (P₂O₅ and soluble), Potassium (K₂O and soluble), Calcium (CaO and soluble), Magnesium (MgO and soluble), Sulfur, Chlorides, Organic Carbon, Total Carbon ^{NA}, Sodium, Nitric Nitrogen mineralized at 18 days, Carbon mineralized at 18 days

Cobalt, Chromium, Copper, Nickel, Cadmium, Mercury, Lead, Zinc, Arsenic, Selenium, Iron, Manganese, Molybdenum

Humics and fulvics acids ^{NA}

Self-heating ^{NA}

Respirometric test ^{NA}

Organic matter stability: Soluble organic components, Hemicelluloses, Lignines and cutines, Cellulosic portion, Crude fiber, Carbon mineralized (at 3 days to 18 days) ^{NA}, Nitric Azote mineralized (at 18 days) ^{NA}, BSI index, Tr index, Stability index of organic matter

Inert analysis: Synthetics, Glass and metals, Pebbles

Granulometry



NA: Not accredited

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).