



COMPOST QUALITY ANALYSIS

FACT SHEET

A&L Canada Laboratories now offers an analytical package for compost materials to be used as a soil amendment or as a planting media. This package is designed to measure the quality of the compost for commercial use and to determine if it meets guidelines set out by the Ministry of the Environment for use as a topsoil or an amendment to topsoil.

The **“BASIC MONITORING PACKAGE”** is designed to monitor and control the composting process during production.

The **“ENVIRONMENTAL PARAMETERS PACKAGE”** is a mandatory package for all composting facilities for both raw and finished product, set out by the M.O.E.

The **“QUALITY PARAMETERS”** are not mandatory/specifications, but determine ranges of characteristics typical of good compost quality.

The **“SOIL SUITABILITY PACKAGE”** - A&L Canada through extensive research has developed a test for analysis of compost material that gives us the value of the material as a growth media. This analysis will determine the quality of the finished compost as a planting media for the Home and Garden Industry or for other Agricultural and Land Reclamation use.

COMPOST ANALYSIS OPTIONS

CQA Package

Environmental trace element parameters, soil suitability parameters(S8C), maturity (CO2 or dewar), particle size, non-biodegradable foreign matter, microbiological (fecal coliform & salmonella).....\$350.00

Basic Monitoring Analysis

Total Nitrogen, Total Phosphorus, Total Potassium, pH, Organic Matter, C/N, Sodium, Moisture, Ash, Organic Carbon.....\$ 65.00

Environmental Parameters

Arsenic, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Zinc,.....\$110.00

Compost Quality Parameters

Total Organic Matter, pH, Nitrogen, Phosphorus, Potassium, Magnesium, Calcium, Sulfur, Boron, Copper, manganese, Iron, Zinc, Sodium, Aluminum, Soluble Salts, Moisture, SAR, C/N ratio..... \$110.00

Soil Suitability Analysis (S8C)

Available Organic Matter, pH, Lime Index, Phosphorus, Potassium, Magnesium, Calcium, Sodium, Boron, Copper, Manganese, Zinc, Iron, Aluminum, NO₃-N, Soluble Salts, Moisture, C/N ratio.....\$ 65.00

Manure Compost

Moisture, C:N ratio, organic matter, ammonium-N, Nitrogen, Sodium, Iron, Copper, Manganese, Boron, Aluminum, Zinc, Sulfur, Phosphorus, Potassium, Magnesium, Calcium, Bulk Density, Conductivity\$75.00

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Other Tests

C:N RATIO	\$ 25.00
PCB'S	\$ 85.00
Solvita Test	\$ 30.00
Respiration by C02	\$ 115.00
Foreign Matter (glass, plastic, metal) (NB2)	\$ 60.00
Maturity Test by germination (water cress and radish)	\$ 75.00
Pathogens	
Fecal Coliform Plate count	\$ 20.00
Salmonella Plate count	\$ 30.00
Total Humates	\$ 50.00
Dewar self heating test	\$115.00