



# Greenhouse Media and Nutrient Solution Analysis

For lab use only

Submitted By: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
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 Email: \_\_\_\_\_  
 Date Submitted: \_\_\_\_\_

Submitted For: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_

Samples received without payment or prior credit arrangement will not be processed. Please make cheque payable to SGS Canada Inc, or contact the laboratory with credit card information.

Reported By: Email (  ) Web (  ) Fax (  ) Mail (  )

Please contact the laboratory for pricing information.

Media Basic	Media Complete	Water Complete	Solution Complete	Ammonium Nitrogen	Organic Matter	DNA MultiScan	DNA MultiScan (Basic)	Total Coliform (Diagnostic)	E. coli
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Sample ID	Sample Description													
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														

Sample Retention: 3-5 business days. Extended retention times must be advised and may be subject to additional costs.

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## Package Descriptions

**Media Basic** - pH, nitrate nitrogen, sodium, phosphorus, potassium, magnesium, total salts, calcium, chloride and sulphate

**Media Complete** - Basic test plus ammonium nitrogen, aluminum, zinc, copper, iron, boron, manganese and molybdenum

**Water Complete** - pH, nitrate nitrogen, sodium, phosphorus, potassium, magnesium, total salts, calcium, chloride, sulphate, total dissolved solids, bicarbonates, total hardness, zinc, iron, manganese, copper, boron, silicon and molybdenum

**Solution Complete** - pH, nitrate nitrogen, ammonium nitrogen, sodium, phosphorus, potassium, magnesium, total salts, calcium, chloride, sulphate, molybdenum, total dissolved solids, bicarbonates, iron, copper, boron, zinc, manganese and silicon

**Microbiological**—Total coliform and *E. coli* require a special bottle and must be received before noon on Thursdays (samples will not be accepted on Fridays).

## Sample Submission Instructions

1. Fill the sample box or bottle completely; one sample per container.
2. **SAMPLE SIZE:**
  - Water - 250 ml
  - Solution - 250 ml
  - Media - Fill box (or 4 cups)
3. Clearly fill out this form.
4. Clearly label each sample.

## How to Sample Media

1. Potted plants - Sample soil ball from top to bottom of several pots.
2. Bedding plants - Sample to depth of flat or container.
3. Ground beds or benches - Sample to 8 inches or depth of bench.
4. Transplanting soil or compost pile - Sample to 12 inches from several places.
5. General Information
  - do not sample less than 6 hours after watering, less than 24 hours after fertilizer application through an injector system, or 5 days after dry fertilizer application.
  - a soil probe or similar device is preferred for media sampling.
  - scrape aside mulch and top 1/4 inch of media before sampling.
  - sample 15 to 20 locations when practical.
  - mix sample thoroughly.
  - sample does not need to be dried.
  - fill box completely.