

General Instructions for submitting soil samples for pesticides analysis

1. Important: if this testing is required by a state or federal agency (Department of Agriculture, EPA, DEQ, etc.), please determine specific requirements for sample collection, testing, and reporting. Some state agencies may require pre-authorization of a laboratory to perform specific analysis for soil samples under a state mandated program.

2. Prior to shipment:

Please contact our technical sales representative (sales@omicusa.com) and provide the following information:

- a. Location of the soil collection (USDA requires pre-authorization for samples shipped from outside the continental U.S.)
- b. List of analytes and limits of quantitation required (this will determine the amount of soil needed for testing).
- c. Reason for testing (chemical spill, soil health, plant death etc.) and expected magnitude of contamination (if known).
- d. If the results will be submitted to a state or federal agency. This will require chain of custody information, moisture analysis (to correct of analytical results for dry soil weight), additional quality control data to collected during testing and included in the analytical report (see 3di below)

3. General rules for sampling/documenting/shipping:

- a. Use 4 oz (or larger) amber glass soil sampling jars (example [here](#)).
- b. Please completely fill containers with soil. Additional containers may be required for each sample:
 - i. If several analysis are requested (see 2b above);
 - ii. there is a high proportion of rocks in the collected sample.
- c. Clearly write sample identifier on lid and jar label (example of label format [here](#)). Please use a Sharpie Marker to fill in the label and apply directly to bottle. The following information should be included on the label:
 - i. Client /Source – This will be the same as the Client Sample / Lot Identification on the COC
 - ii. Site Name – Location of sampling;
 - iii. Date / Time – Fill in when the samples were collected;
 - iv. Coll. By – Please put initials of Person doing the sampling.
- d. Complete entries in the Chain of Custody (COC form, FM-008) for each sample.
 - i. If a regulatory-compliant report package is needed (see 2d above) with additional QC, moisture testing and results corrected for dry weight, please enter '**Regulatory Report required**' in the '*Comments/special requests*' section.
 - ii. If a project identifier needs to be included in the analysis report, please include in white space near the top right of the form;
 - iii. Fill in the Date Sample/s sent, PO# if applicable, and Sent by;
 - iv. Leave the OMIC Lab # Blank;



- v. Client Sample / Lot Identification – this should correspond to the sample identifier on container label;
 - vi. Location of Sampling is the same as the Site Name on the Label;
 - vii. Date / Time sample was taken – Fill in;
 - viii. Person doing sampling - Please put initials of Person performing the sampling;
 - ix. Sample Transfers – This should be filled in for all transfers made;
 - x. Final Receipt by OMIC – Leave Blank this will be filled in by OMIC USA upon receipt;
 - xi. Up to Four samples can fit on a form, please print more forms for additional samples.
- e. Wrap individual containers in bubble wrap to prevent breakage, pack in ice and ship overnight near the beginning of the week. Alert lab prior to shipment and provide COC form electronically and with tracking information for the sample shipment.
- f. If you have questions, please call 503-223-1497 or email the following addresses:
sales.us@omicusa.com or sample.receiving@omicusa.com