

C17 METALS IN SOIL

1.0 Sample Reception

- 1.1 All breakages and shortages must be reported within 24 hours of sample receipt.
- 1.2 Store samples at room temperature and humidity. Samples are stable for the duration of the study.
- 1.3 Check that all the parameters for which you are registered are correctly identified in the PTC portal.
- 1.4 Inquiries regarding samples and their shipment may be directed to:

PT Non-conformances
Information and Quality Management
Environment and Climate Change Canada
fax: 905-336-8914
email: ec.ptnc.ec@canada.ca

cc: PT Canada Program Officer
email: programofficer@PTcanada.org
cc: Nadine Lewis, PTC Executive Director
email: nlewis@PTcanada.org

Inquiries should be made by email. When reporting damage upon receipt, please provide a picture of the damaged samples. Please include your PT Canada laboratory number on all correspondence.

2.0 Sample Analysis

- 2.1 Sample concentrations are in the typical range for clean and contaminated soils. Approximate sample concentrations are detailed in the PTC Catalogue.
- 2.2 Proceed with testing using the routine analytical method identified in your PT Canada application. Samples are appropriate for strong acid digests (e.g., HNO₃ and HCl) but is not appropriate for digests using HF.

3.0 Reporting Results

- 3.1 Results are to be reported on a dry-weight basis.
- 3.2 Results must be reported by midnight of the study deadline in the PTC portal. (Note: units for mercury are ng/g).
- 3.3 Report RDL (optional) if you want RDL accounted for in z scores.

4.0 Safety

- 4.1 The PT samples are designed for use by laboratory professionals familiar with environmental samples and potentially hazardous materials.