

C09 - METALS ON AIR FILTERS

1.0 Sample Reception

- 1.1 All breakages and shortages must be reported within 24 hours of sample receipt.
- 1.2 Each sample consists of a 47 mm quartz disc filters in a single petri dish. A blank is provided with each sample set.
- 1.3 Store samples at $4\pm 2^{\circ}\text{C}$ upon receipt. Samples are stable for the duration of the study.
- 1.4 Check that all the parameters for which you are registered are correctly identified in the PTC portal.
- 1.5 Inquiries regarding samples and their shipment may be directed to:

PT Non-conformances
Phenova
Tel: (303) 940-0033
Email: AndreaLg@phenova.com

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 All the filter discs provided for each sample must be carried through the testing procedures. Methods must utilize acid digestion. Reported results must be blank corrected, if a detectable blank level is obtained.
- 2.2 Low sample concentrations equal or exceed approximately $4\text{ }\mu\text{g}$ for Cd, Cu, Pb and Zn. Refer to the PTC Catalogue for approximate sample concentrations.
- 2.3 Proceed with testing using the routine analytical method identified in your PT Canada application.

3.0 Reporting Results

- 3.1 Results must be reported by midnight of the study deadline in the PTC portal.
- 3.2 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.