

Instructions for: **Soil PCBs (Cat # PT-PCB-SOIL)**

SCOPE AND APPLICATION

Wibby Environmental's Soil PCBs Proficiency Testing Standard is designed to be used with all USEPA Methods. You should be familiar with the method(s) before analyzing the standard. If you have any questions about the use of these standards, please contact Wibby Environmental Customer Service at 1-866-WibbyPT (866-942-2978).

SAMPLE PREPARATION AND ANALYSIS

1. For best results, the PT standards should be refrigerated and then brought to room temperature (near 20°C) when used.
2. The PCB in Soil standard is packaged in two vials. Each vial contains 30.0 ± 0.2 g of standard.
3. Open one vial and quantitatively transfer the *entire* contents of the vial to your extraction apparatus. Rinse the vial thoroughly with extraction solvent and transfer the solvent to the extraction apparatus.
4. The PCBs in Soil standard requires extraction prior to analysis. Follow your routine procedures for the determination of PCBs in a soil sample.

NOTE: A second identical vial containing 30.0 ± 0.2 g of PCB's in Soil standard has been provided as a backup in the event you experience problems with the extraction or analysis of the initial vial. Store the second vial at 4°C.

REPORTING RESULTS

1. Report all results using the Data Reporting Sheets enclosed with your standards or online at www.wibby.com.

2. For the purposes of reporting results, the percent moisture of the PCB standard is 0% and the sample weight is 30 g. Report all results in mg/kg on a dry weight basis.
3. As specified in the NELAC PT Fields of Testing Tables, the PCBs in Soil standard contains a single Aroclor. Report results to three significant figures for the Aroclor detected in mg/kg. For the remaining Aroclors listed on the Data Reporting Sheet, report "<" plus your normal detection limit.
4. Enter your results online at www.wibby.com or fax your results to Wibby Environmental at 303-940-0043. You may also mail your results to Wibby Environmental, 6390 Joyce Drive, #100, Golden, CO, 80403. All results must be received by Wibby Environmental prior to the study closing date shown on the Data Reporting Sheets.

SAFETY

These standards are designed for use by laboratory professionals who are familiar with handling environmental reference materials as well as hazardous materials. If you have any questions about the safe handling of these standards or require a Material Safety Data Sheet (MSDS,) please contact Wibby Environmental at 1-866-WibbyPT (866-942-2978).

QUESTIONS?

If you have any questions regarding these standards or reporting requirements, please call Wibby Environmental at 1-866-WibbyPT (866-942-2978).

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Soil / Hazardous Waste PT Concentration Ranges and PTRLs

Definitions:

PTRL

NELAC Proficiency Testing Reporting Limits (PTRLs) are provided as guidance to laboratories analyzing NELAC PT samples. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRLs shown. (REF: NELAC PT FOT Tables)

NA

Not Applicable (NA) has been applied to analytes where a PTRL is not applicable and to state specific analytes that have not had a PTRL determined by the applicable accrediting agency.

PCBs (PT-PCB-SOIL)

NELAC Code	Analyte	Units	Concentration Range	PTRL
8880	Aroclor 1016	mg/kg	1.00 - 50.0	0.100
8885	Aroclor 1221	mg/kg	1.00 - 50.0	0.100
8890	Aroclor 1232	mg/kg	1.00 - 50.0	0.100
8895	Aroclor 1242	mg/kg	1.00 - 50.0	0.100
8900	Aroclor 1248	mg/kg	1.00 - 50.0	0.100
8905	Aroclor 1254	mg/kg	1.00 - 50.0	0.100
8910	Aroclor 1260	mg/kg	1.00 - 50.0	0.100
Additional State Specific Analytes				
8870	Total PCBs	mg/kg	1.00 - 50.0	NA