

Instructions for: **Soil PCBs in Oil (Cat # PT-PCBO-SOIL)**

SCOPE AND APPLICATION

Wibby Environmental's Soil PCBs in Oil Proficiency Testing Standard is designed to be used with promulgated USEPA Methods or other approved 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 SOIL PCBs in Oil standard should be stored and used at room temperature (~20 - 25°C).
2. The standard is supplied ready-to-use. However, a PCB in Oil sample typically requires an extraction with hexane or other suitable solvent prior to analysis. Follow your normal standard operating procedures for the analysis of a PCBs in Oil sample.
3. Store any unused standard at room temperature (~20 - 25°C).

REPORTING RESULTS

1. Report all results using the Data Reporting Sheets enclosed with your standards or online at www.wibby.com.
2. As specified in the NELAC PT Fields of Testing Tables, the PCBs in Oil 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.

3. 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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Golden, CO 80403

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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 in Oil (PT-PCBO-SOIL)

NELAC Code	Analyte	Units	Concentration Range	PTRL
8880	Aroclor 1016	mg/kg	17.0 - 50.0	1.70
8895	Aroclor 1242	mg/kg	17.0 - 50.0	1.70
8905	Aroclor 1254	mg/kg	16.0 - 50.0	1.60
8910	Aroclor 1260	mg/kg	12.0 - 50.0	2.40