

Instructions for: **Soil Herbicides (Cat # PT-HERB-SOIL)**

SCOPE AND APPLICATION

Wibby Environmental's Soil Herbicides Proficiency Testing Standard is designed to be used with applicable USEPA and other promulgated 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 standard should be refrigerated and then brought to room temperature (near 20°C) when used.
2. The Herbicides 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. Follow your normal procedures for extraction and analysis of a sample for Herbicides in Soil.

NOTE: A second identical vial containing 30.0 ± 0.2 g of Herbicides 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. For the purposes of reporting results, the percent moisture of the PT standard is 0% and the sample weight is 30 g. Report all results in $\mu\text{g}/\text{kg}$ on a dry weight basis
2. Report results to three significant figures.

3. Report all results online at www.wibby.com. Click on the "Online data entry link" and follow the instructions to enter your results. As an alternative, you may submit your results using the Data Reporting Sheets enclosed with your standards by Fax to 866-283-0269.
4. 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.

Herbicides (PT-HERB-SOIL)

NELAC Code	Analyte	Units	Concentration Range	PTRL
8545	2,4-D	µg/kg	100 - 1000	10.0
8560	2,4-DB	µg/kg	100 - 1000	10.0
8595	Dicamba	µg/kg	100 - 1000	10.0
8620	Dinoseb	µg/kg	100 - 1000	10.0
6605	Pentachlorophenol	µg/kg	100 - 1000	10.0
8655	2,4,5-T	µg/kg	100 - 1000	10.0
8650	2,4,5-TP (Silvex)	µg/kg	100 - 1000	10.0
Additional State Specific Analytes				
8505	Acifluorfen	µg/kg	100 - 1000	NA
8530	Bentazon	µg/kg	100 - 1000	NA
8540	Chloramben	µg/kg	100 - 1000	NA
8550	Dacthal (DCPA)	µg/kg	100 - 1000	NA
8555	Dalapon	µg/kg	100 - 1000	NA
8600	3,5-Dichlorobenzoic acid	µg/kg	100 - 1000	NA
8605	Dichloroprop (Dichlorprop)	µg/kg	100 - 1000	NA
7775	MCPA	µg/kg	1000 - 50000	NA
7780	MCPP	µg/kg	1000 - 50000	NA
6500	4-Nitrophenol	µg/kg	100 - 1000	NA
8645	Picloram	µg/kg	100 - 1000	NA