

Instructions for: **Soil Nitrogen Pesticides (cat # PT-NP-SOIL)**

SCOPE AND APPLICATION

Wibby Environmental's Soil Nitrogen Pesticides Proficiency Testing Standard is designed to be used with 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 standards should be refrigerated and then brought to room temperature (near 20°C) when used.
2. The Nitrogen Pesticides in Soil standard is packaged in two vials. Each vial contains 10.0 ± 0.1 g of standard.
3. For your convenience, we recommend that you add your extraction solvent to the vial and extract the sample in the supplied vial. As an alternative, you may open the 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 Nitrogen Pesticides in Soil.

NOTE: A second identical vial containing 10.0 ± 0.1 g of Nitrogen Pesticides in Soil standard has been provided as a back up 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 on line at www.wibby.com. Click on the "Online data entry link" and follow the instructions to enter your results.

2. Report results to three significant figures.
3. For the purposes of reporting results, the percent moisture of the PT standard is 0% and the sample weight is 10.0 g. Report all results in µg/kg on a dry weight basis.
4. You may also report your results using the Data Reporting Sheets enclosed with your standards. FAX your results to Wibby Environmental at 866-283-0269 or mail the results to Wibby Environmental, 6390 Joyce Drive, #100, Golden, CO, 80403.
5. All results must be received by Wibby Environmental prior to the study closing date shown on the Data Reporting Sheets.

SAFETY

QUESTIONS? 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).

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

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.

Nitrogen Pesticides (PT-NP-SOIL)

NELAC Code	Analyte	Units	Concentration Range	PTRL
Additional State Specific Analytes				
7005	Alachlor	µg/kg	25.0 - 500	NA
7035	Ametryn	µg/kg	25.0 - 500	NA
7045	Anilazine	µg/kg	25.0 - 500	NA
7060	Atraton	µg/kg	25.0 - 500	NA
7065	Atrazine	µg/kg	25.0 - 500	NA
7130	Bromacil	µg/kg	25.0 - 500	NA
7160	Butachlor	µg/kg	25.0 - 500	NA
7175	Butylate	µg/kg	25.0 - 500	NA
7340	Cyanazine	µg/kg	25.0 - 500	NA
-	Deethyl atrazine	µg/kg	25.0 - 500	NA
-	Deisopropyl atrazine	µg/kg	25.0 - 500	NA
-	Diamino atrazine	µg/kg	25.0 - 500	NA
7555	EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	µg/kg	25.0 - 500	NA
7705	Hexazinone	µg/kg	25.0 - 500	NA
7835	Metolachlor	µg/kg	25.0 - 500	NA
7845	Metribuzin	µg/kg	25.0 - 500	NA
6440	Napropamide	µg/kg	25.0 - 500	NA
8035	Prometon	µg/kg	25.0 - 500	NA
8040	Prometryn	µg/kg	25.0 - 500	NA
6650	Pronamide (Kerb)	µg/kg	25.0 - 500	NA
8045	Propachlor (Ramrod)	µg/kg	25.0 - 500	NA
8060	Propazine	µg/kg	25.0 - 500	NA
8125	Simazine	µg/kg	25.0 - 500	NA
8180	Terbacil	µg/kg	25.0 - 500	NA
8295	Trifluralin	µg/kg	25.0 - 500	NA