

Instructions for: **Wisconsin GRO in Soil (Cat # PT-WIGRO-USTS)**

SCOPE AND APPLICATION

Wibby Environmental's Soil Wisconsin GRO Proficiency Testing Standard is designed to be used with Wisconsin DNR 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 standard should be refrigerated and then brought to room temperature (near 20°C) when used.
2. The WIGRO in Soil Standard has been provided as a ready-to-use standard.
3. 10.0 g of soil containing the analytes of interest has been preserved with 10.0 mL of purge-and-trap grade Methanol.
4. Following your normal procedures for the analysis of a preserved gasoline in soil sample, remove an aliquot of the methanol extract from the vial for preparation and analysis.
5. Store any remaining standard at 4°C.

REPORTING RESULTS

1. Report results to three significant figures.
2. For the purposes of reporting results, the percent moisture of the WIGRO in Soil standard is 0% and the sample weight is 10 g. Report all results on a dry weight basis.
3. Report your results online at www.wibby.com. Click on the "Online Data Entry" link or the "PT Manage" link.
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. Wibby Environmental must receive all results 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 303-940-0033.

QUESTIONS?

If you have any questions regarding these standards or reporting requirements, please call Wibby Environmental at 303-940-0033.

6390 Joyce Drive
100
Golden, CO 80403

Phone 303-940-0033
Fax 866-283-0269
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Underground Storage Tank 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.

Wisconsin GRO in Soil (PT-WIGRO-USTS)

NELAC Code	Analyte	Units	Concentration Range	PTRL
Additional State Specific Analytes				
9408	Gasoline range organics (GRO)	mg/kg	200 - 1500	NA
4375	Benzene	mg/kg	20.0 - 75.0	NA
4765	Ethylbenzene	mg/kg	20.0 - 75.0	NA
5000	Methyl tert-butyl ether (MTBE)	mg/kg	20.0 - 75.0	NA
5140	Toluene	mg/kg	20.0 - 75.0	NA
5210	1,2,4-Trimethylbenzene	mg/kg	20.0 - 75.0	NA
5215	1,3,5-Trimethylbenzene	mg/kg	20.0 - 75.0	NA
5260	Xylenes, total	mg/kg	20.0 - 150	NA