

## Instructions for: ***UST Oil and Grease in Soil (acetone concentrate)***

### **SCOPE AND APPLICATION**

Wibby Environmental's UST OGR in Soil Proficiency Testing Standard is designed to be used for 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 standard should be refrigerated and then brought to room temperature (near 20°C) when used.
2. The standard includes two separate containers; an amber glass vial containing the Oil and Grease concentrate and a jar containing ~60 g of blank soil matrix.
3. Open the blank soil matrix jar and transfer 30 g of the matrix into your extraction vessel.
4. Carefully open the vial containing the Oil and Grease and transfer exactly 10.0 mL of the concentrate onto the blank soil matrix in the extraction vessel.
5. The standard is now ready for extraction and analysis. Follow your routine procedures for the extraction and analysis of Oil and Grease in a soil sample.

### **REPORTING RESULTS**

1. Report results to three significant figures.
2. For the purposes of reporting results, the percent moisture of the PT standard is 0% and the sample size is that aliquoted. Report all results based on dry weight.

3. Report your results on line at [www.wibby.com](http://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 1-866-283-0269 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**

The 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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## 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.

### Oil & Grease (Acetone Conc) (PT-OGRA-USTS)

NELAC Code	Analyte	Units	Concentration Range	PTRL
1860	Oil & Grease (n-Hexane Extractable Material)	mg/kg	300 - 3000	30.0