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Instructions for: *UST TPH in Water – 1 L (cat # PT-TPH1L-USTW)*

SCOPE AND APPLICATION

Wibby Environmental's UST Total Petroleum Hydrocarbons (TPH) in Water Proficiency Testing Standard is designed to be used with gravimetric and infrared determinative methods. This standard is not intended for use with gas chromatography (GC) methods. 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. The standard has been provided as a ready to use standard. NOTE: We also offer the standard as a concentrate in water (catalog #PT-TPH-USTW) and as a concentrate in acetone (catalog #PT-TPHA-USTW). If you would like to order either concentrate version of this standard, please call customer service at 1-866-WibbyPT (866-942-2978).
2. For best results, the PT standard should be stored and used near room temperature (~20 - 25°C).
3. The standard is ready for preparation and analysis per your routine method(s) as received. No dilutions are necessary.
4. Total Petroleum Hydrocarbons also have a tendency to adhere to the vial and cap. After transferring the concentrate to your extraction vessel or apparatus, rinse the standard bottle and cap a minimum of two times with the extraction solvent. The solvent used for rinsing the container should be combined with that used for extraction of the sample.

REPORTING RESULTS

1. Report results to three significant figures.
2. Report your results on line at www.wibby.com. Click on the "Online Data Entry" link or the "PT Manage" link.

3. 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.
4. 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).

CONCENTRATION RANGE and PTRL

1. The standard will contain the analyte listed below at a certified Concentration within the range shown.
2. The NELAC Proficiency Testing Reporting Limit (PTRL) is provided as guidance when analyzing NELAC PT standards. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRL shown.

Analyte	Conc Range ¹	PTRL ¹
TPH	20.0 - 170	7.60

1. Units are mg/L.