6390 Joyce Drive
#100
Golden, CO 80403

PHONE 303-940-0033
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www.wibby.com

Instructions for:
UST Texas Method 1005 in Water (cat # PT-TX1005-USTW)

SCOPE AND APPLICATION

Wibby Environmental's "*Texas Method 1005 in Water Proficiency Testing Standards"* are designed specifically to be used with the Texas 1005 method. If you need a copy of the TX 1005 method please contact Wibby Environmental Customer service at 303-940-0033. You should be familiar with the method before analyzing these standards.

The Texas Method 1005 PT Sample Set consists of two standards, one low level and one high level per specific State of Texas criteria.

SAMPLE PREPARATION AND ANALYSIS

1. Each standard must be prepared and analyzed separately. The following instructions are applicable to each standard.
2. For best results, the PT standard should be refrigerated and then brought to room temperature (near 20°C) when used.
3. Add 30.0 mL of organic free deionized water, either volumetrically or gravimetrically, to a 40mL VOA vial with Teflon septa cap.
4. Carefully open the ampule by snapping off the top at the narrow part of the neck.
5. Transfer exactly 50 µL of the PT standard concentrate to the VOA vial using a gas tight syringe and delivering the aliquot below the surface of the water. Immediately cap with the Teflon septa cap.
6. The standard is now ready for the addition of extraction solvent and any spiking solutions per your laboratory Standard Operating Procedure for the Texas 1005 method. **The removal of 10mL of sample from the VOA vial prior to the addition of extraction solvent as dictated by the TX 1005 method should NOT be performed.** We recommend the standard be analyzed as soon as possible after dilution. If this is not possible, store the diluted standard at 4° C until analysis.

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 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

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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ACCREDITED
Certificate # 2427.01

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.

TX Method 1005 in Water (Low) (PT-TX1005-USTW1)

NELAC Code	Analyte	Units	Concentration Range	PTRL
Additional State Specific Analytes				
2050	Total Petroleum Hydrocarbons	mg/L	5.00 - 10.0	NA
9370	nC6 – nC12 (optional)	mg/L	5.00 - 10.0	NA
9371	>nC12 – nC28 (optional)	mg/L	5.00 - 10.0	NA
9373	>nC28 – nC35 (optional)	mg/L	5.00 - 10.0	NA

TX Method 1005 in Water (High) (PT-TX1005-USTW2)

NELAC Code	Analyte	Units	Concentration Range	PTRL
Additional State Specific Analytes				
2050	Total Petroleum Hydrocarbons	mg/L	20.0 - 100	NA
9370	nC6 – nC12 (optional)	mg/L	20.0 - 100	NA
9371	>nC12 – nC28 (optional)	mg/L	20.0 - 100	NA
9373	>nC28 – nC35 (optional)	mg/L	20.0 - 100	NA