

**Instructions for:
WP Diesel Range Organics (DRO) (Cat # PT-DIES-WP)**

STANDARD DESCRIPTION

- The WP Diesel Range Organics (DRO) standard is provided in a flame sealed ampule that contains approximately 1.5 mL of concentrate.
- The WP Diesel Range Organics (DRO) standard is packaged in acetone.
- Store the standard in the unopened ampule refrigerated (at ~4°C).

ADDITIONAL INFORMATION

- The standard has been provided as a concentrate that must be diluted prior to analysis.
- Due to the nature of gasoline, the standard must be analyzed as soon as possible after dilution.

STANDARD PREPARATION, ANALYSIS and STORAGE

1. For best results, the PT standard should be stored refrigerated and then brought to room temperature (near 20°C) when used.
1. Add approximately 990 mL of organic free deionized water to a 1000 mL Class A volumetric flask.
2. Carefully open the ampule by snapping off the top at the narrow part of the neck.
3. Transfer exactly 1.0 mL of the PT standard concentrate to the flask using a gas tight syringe and delivering the aliquot below the surface of the water.
4. Bring the volumetric flask to volume with organic-free deionized water.
1. Mix the solution by inverting the volumetric flask a minimum of three times.
2. The standard is now ready for preparation and analysis per your routine method(s).s).
3. The sample should be analyzed as soon as possible after dilution,
4. Report all results in µg/L per the reporting instructions contained in this booklet.
5. Store the diluted standard and any remaining concentrate refrigerated (at ~4°C).

6390 Joyce Drive
100
Golden, CO 80403

Phone 303-940-0033
Fax 866-283-0269
www.wibby.com

Water Pollution Proficiency Testing 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.

Diesel Range Organics (DRO) (PT-DIES-WP)

NELAC Code	Analyte	Units	Concentration Range	PTRL
9369	Diesel range organics (DRO)	µg/L	800 - 6000	80.0
Additional State Specific Analytes				
-	F2: C10 - C16	µg/L	100 - 3000	NA
-	F3: C16 - C34	µg/L	100 - 3000	NA
-	F4: C34 - C50	µg/L	0.100 - 3000	NA