



Instructions for Catalog # 772 WatR™ Pollution Wisconsin Diesel Range Organics (DRO) in Water

Revision 090119

Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate.
- This concentrate is not preserved.
- The solvent for this concentrate is Methylene Chloride.
- The concentrate should be stored at $4\pm 2^{\circ}\text{C}$.
- This product is intended to be used as a quality control check of the entire analytical process for the analytes/matrix included in the standard.
- The dilution instructions below represent the minimum suggested sample size for this product. Using a smaller sample size may invalidate the assigned value and/or uncertainty shown on the certificate of analysis.
- The certified values apply to the diluted sample after following the stated dilution instructions.

Helpful Hints:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- This standard should be analyzed as soon as possible after the concentrate is diluted.
- Because of the solubility of the hydrocarbons used in the manufacturing of the DRO in water standard, it is important to make sure the sample is warmed to room temperature prior to performing dilutions.

Instructions:

1. Add 10 mL of Methanol to a clean glass container.
2. Carefully snap the top off of the Wisconsin Diesel Range Organics (DRO) in Water ampule.
3. Using a clean, dry, class A pipet or a syringe, transfer 1.0 mL of the concentrate below the surface of the Methanol.
4. Partially fill a 1000 mL class A Volumetric flask with organic free deionized water.
5. Transfer the Methanol solution to the 1000 mL flask.
6. Rinse the container into the flask with three rinses of deionized water.
7. Dilute the flask to final volume with organic free deionized water.
8. Cap the flask and mix well.
9. Immediately analyze the diluted sample by your normal procedures.

Safety:

ERA products may be hazardous and are intended for use by professional laboratory personnel trained in the competent handling of such materials. Responsibility for the safe use of these products rests entirely with the buyer and/or user. Safety Data Sheets (SDS) for all ERA products are available through our website www.eraqc.com.