



Instructions for Catalog # 648
Wisconsin Diesel Range Organics (DRO) in Water
Revision 112211

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 $4\pm 2^{\circ}\text{C}$.
- The diluted standard will contain all or a subset of the analytes listed in the ranges specified on the data reporting form.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- As the diluted standard is not stable, it must be analyzed immediately after the concentrate is diluted.
- This standard has been designed to meet all specifications of the State of Wisconsin Laboratory Certification and Registration Program.

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.
10. Report your results as $\mu\text{g/L}$ for the diluted sample.

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. Material Safety Data Sheets (MSDS) for all ERA products are available by calling 1-800-372-0122.