



## Instructions for Catalog # 4122 WatR™ Pollution Oil and Grease Concentrate

Revision 090119

### Description:

- This standard is packaged in a 24 mL screw cap vial containing approximately 23 mL of standard concentrate.
- This standard is not preserved.
- The solvent for this standard is n-propanol
- The standard can be stored at room temperature.
- 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 there are many different types of SPE equipment, be sure to check with the manufacturer of your SPE equipment if you have any questions regarding the proper solvent rinse technique for your equipment.

### Instructions:

1. Add approximately 500 mL of deionized water and sufficient hydrochloric acid to ensure a pH of less than 2 to a clean 1000 mL class A volumetric flask, separatory funnel, or sample bottle.
2. Shake the Oil & Grease Concentrate vial prior to opening.
3. Using a clean, dry, class A pipet, volumetrically pipet 10.0 mL of the concentrate into the 1000 mL volumetric flask, separatory funnel, or sample bottle.
4. Dilute to final volume with deionized water.
5. The sample is now ready for extraction and analysis per your normal procedures. If you are using a solid phase extraction (SPE) technique, please reference your SPE equipment manufacturer instructions for proper rinsing 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](http://www.eraqc.com).