



Instructions for Catalog # 477  
Texas High-Level Fuels (TPH) in Water  
Revision 022720

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 Methanol.
- 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.

Instructions:

1. Add 50 - 80 mL of organic free, deionized water to a clean 100 mL class A volumetric flask.
2. Carefully snap the top off the Texas High-Level Fuels (TPH) in Water ampule.
3. Using a 1 mL syringe, transfer 1 mL of the concentrate below the surface of the water in the flask.
4. Dilute the flask to final volume with organic free, deionized water.
5. Cap the flask and mix by inverting two or three times.
6. Immediately analyze the diluted standard per your normal procedure.
7. Report your results as mg/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. Safety Data Sheets (SDS) for all ERA products are available through our website [www.eraqc.com](http://www.eraqc.com).