



Instructions for Catalog # 589
DMR-QA Total Phenolics
Revision 022112

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 standard is Methanol.
- The concentrate should be stored at $4\pm 2^{\circ}\text{C}$.
- The diluted standard will contain Total Phenolics in the range specified on the data reporting form.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- Per the requirements of the USEPA *Criteria Document* this sample is designed specifically for the distillation-4-AAP method. Results reported by other methods may not be equivalent.
- This standard should be analyzed as soon as possible after the concentrate is diluted.

Instructions:

1. Add 100-200 mL of deionized water to a clean 1000 mL class A volumetric flask.
2. Carefully snap the top off of the Total Phenolics ampule.
3. Using a clean, dry, class A pipet or calibrated glass syringe, volumetrically transfer 1.0 mL of the concentrate into the 1000 mL volumetric flask.
4. Dilute the flask to final volume with deionized water.
5. Cap the flask and mix well.
6. Immediately analyze the diluted sample by your normal procedures.
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. Material Safety Data Sheets (MSDS) for all ERA products are available by calling 1-800-372-0122.