



Instructions for Catalog # 730

TCLP Volatiles

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 Methanol.
- 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 will contain additional analytes which are not included on TCLP lists and therefore not listed on the Certification Sheet.
- As the diluted standard is not stable, it must be analyzed **immediately** after the concentrate is diluted.

Instructions:

1. Add 100 mL of your laboratory's TCLP Extraction Fluid #1 to a clean 100 mL class A volumetric flask.
2. Carefully snap the top off of the TCLP Volatiles ampule.
3. Using a gastight syringe, transfer 50 μL of the concentrate below the surface of the TCLP Extraction Fluid #1 in the flask.
4. Cap the flask and mix well. This dilution will constitute the final TCLP extract with no further filtration required.
5. 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.