



Instructions for Catalog # 730QR

TCLP Volatiles

Revision 050907

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 a subset of the analytes listed on the data reporting form in the range of 0.05 to 2.0 mg/L.

Before you begin:

- 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 data reporting form.
- The compound 1,4-Dichlorobenzene is often analyzed by volatile and/or semivolatile analytical techniques. If your laboratory does not normally report 1,4-Dichlorobenzene in TCLP leachates by volatile methodology, do not report a result for it in this sample.
- 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.
6. 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.