



Instructions for Catalog # 544QR  
TCLP Metals in Soil  
Revision 030512

Description:

- This standard is packaged in a 4-ounce glass jar containing approximately 105 grams of soil.
- This standard is not preserved.
- The standard can be stored at room temperature.
- The standard will contain all the analytes listed in the ranges specified on the data reporting form.

Before you begin:

- This standard is not compliant with the NELAC concentration ranges for these analytes. If you require a NELAC-compliant sample for these analytes, you must use Metals in Soil (# 540QR).
- Although all ERA soil standards have been thoroughly blended prior to shipping, the standards should be homogenized prior to taking an aliquot for analysis due to settling which may occur during shipping.
- The percent solids for this sample should be assumed to be 100% for all calculations.
- This standard does not require particle size reduction prior to extraction.
- This sample must be extracted using Extraction Fluid #1.

Instructions:

1. Open the TCLP Metals in Soil standard in a fume hood to avoid inhalation of dust.
2. Mix the sample well prior to removing an aliquot for analysis.
3. Extract the sample per your normal procedures using Extraction Fluid #1.
4. Filter and preserve the extract following your normal procedures.
5. Analyze the final extract following your normal procedures.
6. Report your results as mg/L.

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.