



Instructions for Catalog # 544 TCLP Metals in Soil

Revision 090119

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.
- 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.
- ERA suggests that when subsampling this product prior to analysis you use a minimum sample size of at least 100 g. 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 sample after following the stated instructions.

Helpful Hints:

- 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 TCLP 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 extract 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. Safety Data Sheets (SDS) for all ERA products are available through our website www.eraqc.com.