



Instructions for Catalog # 604 Per- & Polyfluoroalkyl Substances (PFAS) in Soil

Revision 022520

Description:

- This standard is packaged in a 10 mL flame-sealed ampule containing approximately 10 grams of soil.
- This standard is not preserved.
- The standard 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.
- ERA suggests that when subsampling this product prior to analysis you use a minimum sample size of at least 2 grams. 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 opening the ampules due to settling which may occur during shipping.
- Use with LC/MS/MS techniques.
- PFOS, PFHxS, NEtFOSAA and NMeFOSAA will be made using standards which include both branched and linear isomers. The assigned value presented on the Certificate of Analysis for these compounds is the total isomer concentration.
- Several components made using potassium or sodium salts, assigned values for these compounds presented as corresponding anion.

Instructions:

1. Carefully snap the top off of the PFAS in Soil ampule in a fume hood to avoid inhalation of dust.
2. Mix the sample well before taking an aliquot for analysis.
3. Prepare and analyze this standard per your normal analytical 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.