



Instructions for Catalog # 1127 Air and Emissions Mercury on Filter Paper

Revision 090119

Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate and a 50 mm polystyrene petri dish containing a single 47 mm glass fiber filter.
- This concentrate is preserved with 2% (v/v) HNO₃.
- This standard is designed for use with EPA Method 29.
- This 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.
- This sample must be consumed in its entirety. 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 intended for spiking onto the supplied glass fiber filter and must be prepared prior to use.
- This standard should be digested and analyzed as soon as possible after it is prepared using these instructions.

Instructions:

1. Open the container and using tweezers or a gloved hand, place the glass fiber filter into your digestion vessel.
2. Carefully snap the top off the Mercury on Filter ampule.
3. Using a clean, dry, class A pipet or syringe, transfer 100 µL of concentrate into your digestion vessel.
4. Digest & analyze the standard following the procedure specified in EPA Method 29.

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.