



## Instructions for Catalog # 1113 Air and Emissions PAHs on PUF Cartridge

Revision 090119

### Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate and a jar containing one polyurethane foam (PUF) tube.
- This concentrate is not preserved.
- The solvent for this concentrate is Methanol.
- The concentrate 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.
- The dilution instructions below represent the minimum suggested sample size for this product. Using a smaller sample size may invalidate the assigned value and/or uncertainty shown on the certificate of analysis.
- The PUF should be stored at room temperature and protected from UV light.
- 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 PUF and must be prepared prior to analysis.
- The PUF is contained in an open-ended sampling tube. Because of the porous nature of the PUF, the spiking solution containing the analytes of interest will run through the PUF upon application. Therefore, while spiking the PUF you must make sure all the spiking volume is transferred to the extraction apparatus. For best results, ERA suggests placing the PUF tube into the extraction apparatus during spiking.
- This standard should be analyzed as soon as possible after the sample is prepared using the instruction.

### Instructions:

1. Take the PUF tube out of the container and place the PUF tube in your extraction apparatus.
2. Carefully snap the top off the PAHs on PUF ampule.
3. Using a clean, dry, class A pipet or a syringe, transfer 1.0 mL of the concentrate onto the PUF.
4. Extract and analyze the PUF following your normal 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](http://www.eraqc.com).