



## Instructions for Catalog # 5370 PCB Congeners in Wastewater

Revision 062325

### Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 1.5 mL of standard concentrate.
- This concentrate is not preserved.
- The solvent for this concentrate is Acetonitrile.
- 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 certified values apply to the diluted sample after following the stated dilution instructions.
- PCB-156 and PCB-157 co-elute on select column chemistries. The certified value for the sum of the two isomers is also presented on the certificate of analysis.

### Helpful Hints:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- This standard should be analyzed as soon as possible after the concentrate is diluted.

### Instructions:

1. Add 100 – 200 mL of organic free, deionized water to a clean 1000 mL class A volumetric flask.
2. Carefully snap the top off of the PCB Congeners ampule.
3. Using a clean, dry, syringe, transfer 200 $\mu\text{L}$  of the concentrate into the 1000 mL volumetric flask.
4. Dilute the flask to final volume with organic free, deionized water.
5. Cap the flask and mix well.
6. Immediately analyze the diluted sample by 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).