



Instructions for Catalog # 2685 PCB Congeners in Wastewater

Revision 062325

Description:

- This standard is packaged in a 2 mL flame-sealed ampule containing approximately 2 mL of standard concentrate.
- This concentrate is not preserved.
- The solvent for this concentrate is Acetonitrile.
- The concentrate should be stored at $4\pm 2^{\circ}\text{C}$.
- The diluted standard will contain all or a subset of the analytes listed in the ranges specified on the data reporting form.
- PCB-156 and PCB-157 co-elute on select column chemistries. The option to report a sum of the two isomers has been made available on the reporting forms.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- As the diluted standard is not stable, it must be analyzed immediately 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 Congener ampule.
3. Using a clean, dry, syringe, transfer 200 μL 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.
7. Report your results as ng/L for the diluted sample.

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. Material Safety Data Sheets (MSDS) for all ERA products are available by calling 1-800-372-0122.