



Instructions for Catalog # 839
WatR™ Supply PCBs as Decachlorobiphenyl
Revision 112211

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 Methanol.
- The concentrate should be stored at $4\pm 2^{\circ}\text{C}$.
- The diluted standard will contain one Aroclor from the list on the data reporting form in the range specified.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- Be sure to report your quantitative results as Decachlorobiphenyl for method 508A.
- Many accreditation agencies, including NELAC, now require that you report the identity of the aroclor.
- This standard can also be used for Aroclor quantitation using methods 505, 508 and 508.1, if you so desire.
- 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 PCBs as Decachlorobiphenyl ampule.
3. Using a clean, dry, class A pipet or a syringe, transfer 1.0 mL of the concentrate below the surface of the water in the 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 Decachlorobiphenyl results as $\mu\text{g/L}$ for the diluted sample.
8. Report the identity of the aroclor.
9. Report aroclor quantitative results as $\mu\text{g/L}$ 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.