Instructions for Catalog # 704QR
WatR™Supply Chlorinated Acid Herbicides

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 Acetonitrile.
- The concentrate should be stored at 4±2°C.
- The diluted standard will contain all or a subset of the analytes listed in the ranges specified on the data reporting form.

Before you begin:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- NELAC requires that 2,4-D be composed of at least 50% butyl ester form. All other herbicides in this standard will be present as the acid form.
- 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 Chlorinated Acid Herbicides 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 results as µg/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.