Instructions for Catalog # 071
WatR™ Pollution Sulfide

Revision 090119

Description:

- This standard is packaged in a 10 mL flame-sealed ampule containing approximately 11 mL of standard concentrate.
- The concentrate will contain a noticeable white precipitate, which is a function of the preservation technique.
- This concentrate is preserved with sodium hydroxide and zinc acetate.
- The concentrate should be stored at 4±2°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.

Helpful Hints:

- 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 deionized water to a clean 1000 mL class A volumetric flask.
2. Shake the Sulfide ampule to homogenize the contents.
3. Carefully snap the top off of the Sulfide ampule.
4. While the white precipitate is still in suspension, use a clean, dry, class A pipet to transfer 10 mL of the concentrate into the 1000 mL volumetric flask.
5. Dilute the flask to final volume with deionized water.
6. Cap the flask and mix well.
7. 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.