



Instructions for Catalog # 776 WatR™ Pollution Surfactants-MBAS

Revision 090119

Description:

- This standard is packaged in a 15 mL screw-top vial containing approximately 14 mL of standard concentrate.
- This concentrate is preserved with dilute sulfuric acid.
- The concentrate can be stored at room temperature.
- 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.
- Because the surfactant concentration is higher in the foam phase than in the aqueous phase, avoid foam formation in the concentrate or diluted sample during preparation and subsampling. If foam is formed let it subside by standing, or collapse it by other appropriate means and then gently remix the sample before proceeding.
- This standard should be analyzed as soon as possible after the concentrate is diluted.

Instructions:

1. Add 100-200 mL of deionized water to a clean 1000 mL class A volumetric flask.
2. Gently invert the Surfactants-MBAS vial before opening.
3. Using a clean, dry, class A pipet or calibrated glass syringe, transfer 5.0 mL of the concentrate into the 1000 mL volumetric flask.
4. Dilute the flask to final volume with deionized water.
5. Cap the flask and gently mix the solution.
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.