



Instructions for Catalog # 534QR

Sulfite

Revision 010312

Description:

- This standard is packaged in a 10 mL flame-sealed ampule containing approximately 11 mL of standard concentrate.
- This concentrate is not preserved.
- The concentrate should be stored at $4\pm 2^{\circ}\text{C}$.
- 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.

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 deionized water to a clean 1000 mL class A volumetric flask.
2. Shake the Sulfite ampule to homogenize the contents.
3. Carefully snap the top off of the Sulfite ampule.
4. Use a clean, dry, class A pipet to transfer 5 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.
8. Report your results as mg/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.