



## Instructions for Catalog # 777

### Water Pollution Turbidity

Revision 120823

#### Description:

- This standard is packaged in a 24 mL screw-top amber vial containing approximately 14 mL of standard concentrate. There is extra head space in the vial to assist with homogenization.
- This concentrate is not preserved.
- 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.

#### Helpful Hints:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- Be sure to shake the Turbidity vial and diluted sample very well prior to aliquoting for dilution or analysis.
- 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 500 mL class A volumetric flask.
2. Shake the Turbidity vial well prior to opening and immediately prior to aliquoting.
3. Using a clean, dry, class A pipet, volumetrically pipet 5.0 mL of the concentrate into the 500 mL volumetric flask.
4. Dilute the flask to final volume with deionized water.
5. Cap the flask and mix well.
6. Immediately analyze the diluted sample by your normal procedures.
7. Report your results as NTU 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. Safety Data Sheets (SDS) for all ERA products are available through our website.

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