



Instructions for Catalog # 507 WatR™ Pollution Hardness

Revision 090119

Description:

- This standard is packaged in a 500 mL polyethylene bottle containing approximately 500 mL of standard.
- This standard is not preserved.
- The standard 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.
- ERA suggests that when subsampling this product prior to analysis you use a minimum sample size of at least 10 mL. Using a smaller sample size may invalidate the assigned value and/or uncertainty shown on the certificate of analysis.
- Repeated sampling of this product is permitted, provided minimum sample sizes and storage instructions are adhered to.
- The certified values apply to the sample after following the stated instructions.

Helpful Hints:

- This standard has been prepared as a whole volume standard and is ready to analyze as received.
- This standard contains no acid, so you must follow your normal procedures for checking, and if necessary, adjusting the pH.
- The hardness in this standard can be determined using either titration or calculation methods.
- Be sure to shake this sample very well prior to taking an aliquot for the TSS determination.
- It is strongly recommended that you analyze for TSS prior to removing aliquots for other analyses from the Hardness bottle.
- If other analytes are to be measured prior to TSS, be sure to shake the sample very well prior to removing aliquots for any of the other parameters.
- As this standard contains suspended solids, it is best to filter a portion of the standard prior to adding preservation or aspirating the sample into any instrument.

Instructions:

1. Shake the Hardness bottle very well prior to opening.
2. Remove aliquots for the tests that you are performing and analyze 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.