



Instructions for Catalog # 506 WatR™ Pollution Minerals

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 be analyzed as received.
- This standard contains no acid, so you must follow your normal procedures for checking, and if necessary, adjusting your pH.
- If you are analyzing anions by ion selective electrode methods, please note that this sample may contain high concentrations of inorganic salts.
- We suggest analyzing for Alkalinity first as soon as the Minerals bottle has been opened. If this standard is to be opened multiple times before Alkalinity is analyzed, be sure to recap the bottle tightly, as soon as possible after each use, to minimize possible CO₂ absorption.
- Titrate to a pH of 4.50 s.u. for alkalinity.
- If you are analyzing anions by ion specific electrode methods, you will want to take note of any possible interferences related to other parameters present in this standard and the appropriate corrective steps listed in the analytical method(s) or your instrument manufacturers' instruction manual.

Instructions:

1. Shake the Minerals bottle 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.