



Instructions for Catalog # 616

Water Tritium

Revision 100411

Description:

- This standard is packaged in a 4-oz. glass bottle containing at least 120-mL of standard.
- This standard is not preserved.
- A blank is included for blank correcting your results.
- The standard should 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.
- The standard contains the following analyte in the activity range shown:

Tritium3,000 – 30,000 pCi/L

Helpful Hints:

This standard is supplied as a whole volume standard and is ready to prepare and analyze as received.

Standard Preparation Instructions:

1. The standard is ready for preparation and analysis as received.
2. Shake the container well prior to opening.
3. Use your regular preparation and analytical procedures.
4. Decay correct analytical results to the reference date shown on the standard container.

Stability and Expiration Date:

The stability of this standard is unconditionally guaranteed for 1 year from date of purchase.

Safety:

- ERA radiochemistry standards present radiological hazards that vary depending on the particular isotope(s) present. Knowledge of hazards associated with isotopic composition is necessary to prevent laboratory contamination and limit personnel exposure.
- 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. If you need a Material Safety Data Sheet for any ERA product, please call toll free at 1-800-372-0122.