



Instructions for Catalog # 504 Oil and Grease

Revision 072420

Description:

- This standard is packaged in a 250 mL amber glass bottle containing approximately 250 mL of standard.
- This standard is preserved with approximately 0.25% (v/v) hydrochloric acid.
- 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.
- This sample must be consumed in its entirety. Using a smaller sample size may invalidate the assigned value and/or uncertainty shown on the certificate of analysis.
- 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 is suitable for analysis by both gravimetric and infrared methods.
- You must extract the entire contents, including the cap, of this sample to recover all of the oil and grease.
- Because there are many different types of SPE equipment, be sure to check with the manufacturer of your SPE equipment if you have any questions regarding the proper solvent rinse technique for your equipment.
- The certified value for this Oil & Grease standard is given in mg/bottle to avoid confusion due to the sample volume being less than 1 liter.

Instructions:

1. Remove the cap from the Oil & Grease bottle and retain for later use.
2. Extract the entire sample, being sure to rinse the bottle and cap with extraction solvent.
3. Follow your normal procedures for separating and measuring the oil and grease.

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.