



Instructions for Catalog # 582
DMR-QA Oil and Grease
Revision 102015

Description:

- This standard is packaged in a 1 liter amber glass bottle containing approximately 1 liter of standard.
- This standard is preserved with approximately 0.25% (v/v) hydrochloric acid.
- The standard can be stored at room temperature.
- This standard contains Oil and Grease in the range specified on the data reporting form.

Before you begin:

- 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.
- This standard is designed to mimic a true oil and grease sample. Therefore, unlike previous USEPA PT samples, 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.
- NOTE: Report results on an “as received” basis. Assume the bottle contains exactly 1 liter. DO NOT VOLUME CORRECT.

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.
4. Report your results as mg/L for the standard provided.

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. Material Safety Data Sheets (MSDS) for all ERA products are available by calling 1-800-372-0122.