



## Instructions for Catalog # 635

### Alaska GRO in Soil

Revision 090119

#### Description:

- This standard is packaged in a 20 mL flame-sealed ampule containing approximately 10.0 ±0.1 grams of soil preserved with 10 mL of purge and trap grade methanol.
- The standard should be stored at 4±2°C.
- 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.
- The dilution instructions below represent the minimum suggested sample size for this product. 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:

- Although all ERA soil standards have been thoroughly blended prior to shipping, the standards should be homogenized prior to opening the ampules due to settling which may occur during shipping.

#### Instructions:

1. Shake the Alaska GRO in Soil ampule for two minutes prior to opening.
2. Carefully snap the top off of the Alaska GRO in Soil ampule.
3. Refer to Section 9.10.8 and Table 2 in Method AK101 to determine the appropriate aliquot size.
4. Using a gastight syringe, aliquot an appropriate volume of Alaska GRO in Soil methanol extract and combine with clean purge and trap methanol to maintain a total volume of 300 µL of the methanol and inject into your purge and trap vessel 1 cm below the surface of the 5 mL of water.
5. To calculate your results, use 10 grams as the sample weight and 10 mL as the extraction volume.

#### 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](http://www.eraqc.com).