



Instructions for Catalog # 723 Chlorinated Acid Herbicides in Soil

Revision 090119

Description:

- This standard is packaged in two flame-sealed ampules each containing 30.0 ±0.2 grams of soil.
- The two ampules are duplicates with each containing the same standard.
- This standard is not preserved.
- This 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.
- All Herbicides in ERA Soil standards are present as the acid forms. Due to the soil matrix, ERA recommends that the preparation of this standard includes the hydrolysis step.

Instructions:

1. Carefully snap the top off of one of the Chlorinated Acid Herbicides in Soil ampules in a fume hood to avoid inhalation of dust.
2. Transfer the entire contents of the ampule to the extraction vessel.
3. Use a weight of 30 grams for calculation purposes.
4. Prepare and analyze this standard per your normal analytical 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.