



Instructions for Catalog # 723QR Chlorinated Acid Herbicides in Soil

Revision 100615

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 $4 \pm 2^\circ\text{C}$.
- The diluted standard will contain all or a subset of the analytes listed in the ranges specified on the data reporting form.

Before you begin:

- 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.
- This standard is not compliant with the NELAC concentration range for 4-Nitrophenol. If you require a NELAC-compliant sample for this analyte, you must use SOIL Base/Neutrals & Acids (# 467).

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.
5. Report your results as $\mu\text{g}/\text{kg}$ 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.