



Instructions for Catalog # 4033

Solids QC Plus

Revision 090119

Description:

- This standard is packaged in a 12 mL glass screw cap vial containing a solid concentrate.
- This standard is not preserved.
- 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.
- ERA suggests that when subsampling this product prior to analysis you use a minimum sample size of at least 25 mL. 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 diluted sample after following the stated dilution instructions.

Helpful Hints:

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- It is recommended to wet the contents of the vial prior to transferring to help avoid “dusting of the solids.”
- Be sure to shake the diluted sample very well prior to taking an aliquot for the TSS and TS determinations.
- It is strongly recommended that you analyze for TSS prior to removing aliquots for other analyses from the diluted sample.
- If other analytes are to be measured prior to TSS, be sure to shake the diluted sample very well prior to removing aliquots for any of the other parameters.

Instructions:

1. Before opening the Solids QC Plus vial, gently tap the vial on a cushioned surface to remove any solid material which may have adhered to the cap of the vial.
2. Add 100-200 mL of deionized water to a clean 1000 mL volumetric flask.
3. Transfer the entire contents of the Solids QC Plus vial to the 1000 mL volumetric flask.
4. Wash both the cap and vial at least three times with deionized water and add the rinsings to the volumetric flask.
5. Dilute the flask to final volume with deionized water.
6. Cap the flask and mix well.
7. Immediately analyze the diluted sample by your normal 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.