QCM-125 ULTRAcheck™ WS Trihalomethanes Sample

Please read these instructions carefully before using the quality check sample concentrate.

1. Storing the Sample
See package label for information on storage conditions and expiration.

2. Preparing the Sample for Use
Work quickly to avoid volatilization of the analytes in the concentrate. Fill a 100 mL volumetric flask (class A) to the mark with carbon-filtered reagent water. Open the ampule, and use a syringe to withdraw 25 μL of the concentrate. Adjust the syringe volume to 20 μL, and inject this aliquot into the water in the expanded area of the filled flask. Remove the needle as quickly as possible, and stopper the flask. Mix the sample by inverting the stoppered flask three times only. Analyze the sample immediately.

3. Analyzing the Sample
A blind check sample is used to evaluate the quality of the analytical data generated by the laboratory, so use the analytical method your laboratory routinely uses to analyze for these particular analytes.

4. Applicable Methods
US EPA Method(s) 501, 502.2, 524.2, 551

5. Analyte Concentrations
The certificate showing the reference values and advisory ranges is sealed in an envelope, to be opened after the analysis is completed. The advisory ranges represent QC acceptance criteria for analyte recovery following applicable US EPA methodologies. These ranges are based on interlaboratory data, and are included solely as guides for acceptable performance. Each laboratory should develop criteria for judging acceptable method performance based on the intended use of data.