



Quality Control Webinar Description

All lab testing needs to be validated by a quality assurance and quality control plan. Without validation all results would be questionable and analytical problems would not be identified.

To learn how to perform quality control tests (including which type of QC and the frequency of testing), how to make a control chart, and how to develop a quality assurance plan. There are four internal quality control tests that are routinely run. These are blanks, standards, duplicates, and spikes. We will perform example calculations for standards, duplicates and spikes. We will also calculate values for a control chart and then use that control chart to determine the presence of analytical problems. Finally, we will do an exercise determining detection limits. Performance QC, training, and proper documentation will also be covered. Without a QA/QC plan, all that a lab does is produce numbers. With a QA/QC plan, the analytical data is validated and shows a true picture of our treatment.