



The Importance of the QA/QC Report

Just how reliable is your data?

If you're not receiving a QA/QC report with your analytical report, how can you be sure your data is reliable, accurate, and defensible? If you're not, it's like pulling numbers out of a hat. Analytical data are always estimates of the value of measurement and involve some degree of uncertainty. Analytical data are often the basis for critical decisions ranging from the health of individuals, the protection of the environment, or remaining compliant with government agencies. It is imperative that credible data be supported with statements of the confidence that can be placed in it. The Quality Assurance/Quality Control results that you receive with your final report provide unequivocal evidence of the reliability and defensibility of the data reported.

The Environmental Laboratory Accreditation Program's (ELAP) checklist of items to look for in a laboratory report includes that QA/QC check samples should be analyzed along with a client's samples. These samples may include the analysis of method blanks, laboratory control samples (LCS, LCS Dup), matrix spikes and matrix spike duplicates, surrogates, or known standards. Laboratories should also report the acceptance criteria as stated in the published methods.

EnviroMatrix Analytical, Inc. always provides a QA/QC report with every analytical report. It is the right of our customers to be able to compare their results against known results provided in our QA/QC report.

If you have any questions about QA/QC reports, or any part of your analytical results, call our QA Director at (858) 560-7717.

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