

# Laboratory Quality Assurance and Quality Control Certificate

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## Quality Assurance and Quality Control Certificate Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Identify and apply key regulatory frameworks (GLP, GMP, ISO 17025, EPA) in laboratory operations and documentation.
2. Demonstrate basic method validation, maintain calibration and audit records, and prepare audit-ready QA/QC documentation.
3. Apply good documentation practices (GDP) and data integrity principles (ALCOA+).
4. Produce an applied QA/QC project in a selected track (pharmaceutical, environmental, or industrial) that reflects professional laboratory expectations.