



Implementation of Quality Control Utilizing ASB 054 - Standard for a Quality Control Program in Forensic Toxicology Laboratories, and ASB 017 - Standard for Metrological Traceability in Forensic Toxicology

2024 IACT Workshop

Location: La Jolla, CA

Date: Thursday, April 25th, 2024

Time: 01:00 pm – 5:00 pm

Workshop Chairs: Chris Heartsill

Target Audience: Forensic practitioners of all levels of experience

Abstract:

This workshop is designed to update the forensic toxicology community on ASB 054 – Standard for a Quality Control Program in Forensic Toxicology Laboratories and the latest draft version of ASB 017 Second Edition –Standard for Metrological Traceability in Forensic Toxicology and present examples of implementation in forensic toxicology laboratories. Quality control (QC) programs throughout laboratories in the United States are variable. Many laboratories implement minimum QC measures in an attempt to increase casework throughput while not fully examining the quality of the process. The release of ASB 054 and ASB 017 Second Edition have provided guidance to laboratories on standard practices to consistently and predictably assess the quality in a forensic toxicology laboratory.

Learning Objectives:

1. Inform the forensic toxicology community of the concepts contained within the standards.
2. Provide an update on the progress and evolution of the second edition of ASB 017.
3. Share best practices among forensic toxicologists and other experts to promote the quality and consistency of this work.

Course Specifics: The course fee includes registration, all course materials, attendance certificate, and breaks. Attendees will be responsible for travel, lodging, and meal expenses.

Agenda

1:00 – 1:30 pm	Calibration/Control Requirements and Other Evaluations	Chris Heartsill
1:30 – 2:00 pm	BAC QC implementation Strategies/Examples	Sarah Stratton
2:00 – 2:30 pm	Drug QC Implementation Strategies/Examples	Justin Grodnitzky/Jonna Berry
2:30 – 3:00 pm	Method of Standard Addition Implementation in a DUID Case	Allen Mello
3:00 – 3:30 pm	Break	
3:30 – 4:15 pm	Metrological Traceability Requirements and 2 nd edition updates	Tate Yeatman
4:15 – 4:45 pm	Traceability Implementation Strategies/Examples	Carrie Kirkton
4:45 – 5:00 pm	Q&A	All Presenters