



S. Audino & Associates, LLC

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To: Emerald Scientific – 2024
From: Susan Audino
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Session: THE LABORATORY'S 4-LEGGED STOOL: SMPRS, STANDARD TEST METHODS, ALACC, AND ACCREDITATION

Session Outline:

1. Standard Method Performance Requirements
 - a. Pathway toward Standard Method
 - b. Working groups
 - i. Method developers
 - ii. Method users
 - c. Status Update:
 - i. Published cannabis SMPRs
 - ii. SMPRs and state requirements for lab-developed methods
 - iii. SMPRs in pipeline
2. AOAC Standard Test Methods
 - a. SMPRs
 - b. Performance Test Methods
3. AOAC Analytical Laboratory Accreditation Criteria Committee (ALACC) Guidelines
 - a. Revision 8: March 2024
 - b. Laboratory Focus
 - i. Food
 - ii. Dietary Supplements
 - iii. Pharmaceuticals
 - iv. Cannabis
4. Laboratory Accreditation (ISO/IEC 17025:2017)
 - a. Purpose and value of accreditation
 - b. Regulatory bodies and accreditation
 - c. Laboratory challenges
 - i. Method development
 - ii. Statements of conformity and decision rules
 - iii. Objectivity and impartiality
 - d. Accreditation audit/assessment challenges
 - i. Laboratory difficulties
 - ii. Conflicts between state regs and 17025
 - e. Improving audits and meaningfulness of audits, especially in light of lawsuits and product recalls, and laboratory accusations against other laboratories