



# Cannabis Science Taskforce Proficiency Testing Workgroup

1/21/2020 Meeting

# In attendance

## Agency Representatives

- Ryan Zboralski, Sara Sekerak, and Alyssa Peter, Ecology
- Steve LaCroix, DOH (phone)
- Nick Poolman, WSLCB
- Qingfen Gu, WSDA (phone)

## Laboratory Representatives

- Jay Burns, Treeline Analytics (phone)
- Steve Loague, Integrity Labs

# Personnel update and Progress Update

- New member introductions
  - Ryan Zboralski-Ecology
  - Qingfen Gu-WSDA
- Departure of Taber Salewsky
  - Left his job at Praxis and has not been able to be reached
- 1/17/2020 Steering Committee Update
  - Including her update on the Legislative report

# The “Gold Standard”

## Ideal

- In-matrix PT for every analyte and matrix
- Accreditation would be per method and parameter
- Incurred vs spiked
  - Based on sound science
- Possibly unachievable
  - come as close as possible

## Challenges

- There is no federal agency to provide technical assistance and regulatory guidance
  - The ‘Client’
- Product cannot cross state lines, even between two legal states
- Must be sourced from retail
  - unknown background concentrations
- Matrix difficulties

# Ecology vs WSDA

## Ecology

- 6 approved providers
- Must do 2 PTs per method AND parameter per year
  - Once a year passes without a failure, only 1 is required going forward until a failure occurs

## WSDA (USDA)

- Rotate through the commodities yearly
  - Only providers are CDFA and FAPAS
- Typically 2 or 3 commodity PTs a year per analytical method

# Phenova?

- Great intermediate option
  - Ready to go right away
  - In-matrix and customizable
  - Cost is split among the participating laboratories
  - ISO accredited
    - More on that in a minute
- But...
  - Where is the excess product stored (if there is any)?
  - What happens when a lab fails?

# ISO 17043 and 17034

- 17043 provides general guidelines for PT providers
  - Study design requirements
  - Data analysis requirements
  - Confidentiality
- 17034 provides general guidelines for reference material providers
  - Resource requirements
  - Technical and production requirements
  - Management system requirements

# Need for clear matrix definitions

- The definitions need to be clear but not too complex
  - Grounded in sound science
  - Doesn't create unnecessary divisions
- What can be consolidated?
- What can not be consolidated?

# CRM Challenges

- What is a Certified Reference Material?
  - From ISO 17034: Reference material characterized by a metrologically valid procedure for one or more specified properties accompanied by certification providing the value, associated uncertainty, and traceability of the material
- Currently very limited for Cannabis

# Action Items

1. Present the ISO compliance motion
2. Ryan will reach out to Ty Garber to ask the Workgroup's questions about the Phenova model
3. Need to add another laboratory representative to replace Taber Salewsky
4. Next Workgroup meeting will be 2/11/2020



Questions?