Cooperative Agreement Updates

Work to Support Human & Animal Food Testing Laboratories

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Sr. Specialist, Food Laboratory Accreditation
Association of Public Health Laboratories (APHL)
AAFCO 2019 Annual Meeting – Louisville, KY
Bridging the Gap

APHL is continuing the work started under the Associations CoAg through the Bridge Extension agreement with FDA.

- ISO/IEC 17025 Accreditation Resources
- Accreditation Consultant
- GenomeTrakr Trainings & Meetings
- GOOD Test Portions Laboratory Trainings
Continue providing resources for laboratories seeking to enhance their ISO/IEC 17025 accreditation scope

- Success stories
Animal food testing laboratories are working diligently to protect animals and humans, conducting surveillance testing on various raw animal food products to intercept contaminated products before they cause illness. This routine testing has resulted in several positive findings in laboratories around the country (see references). While various animal food manufacturers have voluntarily recalled their products out of an abundance of caution, some have questioned laboratory results.
ISO/IEC 17025 Accreditation Resources

- Success stories
- Gap analyses between 2005 & 2017 versions of ISO/IEC 17025
- Proficiency Testing Providers list (EPTIS database)
- Up-to-date accreditation resources available on APHL’s website (https://www.aphl.org/programs/food_safety/laboratory-accreditation/Pages/Accreditation-Resources.aspx)
ISO/IEC 17025 Accreditation Resources

- Success stories
- Gap analyses between 2005 & 2017 versions of ISO/IEC 17025
- Proficiency Testing Providers list (EPTIS database)
- Up-to-date accreditation resources available on APHL’s website
- Guidance documents
Best Practices for Submission of Actionable Human and Animal Food Testing Data Generated in State and Local Laboratories

JANUARY 2019
Human and Animal Food
Regulatory Compliance Review Checklist

Coversheet

(package should contain further information and data at the pages indicated)

1. Submitting Organization  
   Page(s):

2. Laboratory Sample and Decision Unit  
   Description  
   Page(s):

3. Sample Number(s)  
   Page(s):

4. Evidentiary Integrity Intact Y or N?  
   Page(s):

5. Net Quantity of Contents  
   Page(s):

   _______% of the amount declared on the label

6. Description of Labeling  
   Non-compliance  
   Page(s):

7. Analytical  
   Findings  
   Page(s):

   Analyte:  

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8. Analysis  
   Status  
   Page(s):

   ____ Preliminary or Screening  
   ____ Confirmed  
   ____ Other

9. Regulatory  
   Status  
   Page(s):

   ____ Not violative  
   ____ Violative  
   ____ Not allowed  
   ____ Exceeds regulatory limit

10. Relevant  
    Regulations /  
    Legal Authority  
    Page(s):
ISO/IEC 17025 Accreditation

Resources

• Success stories
• Gap analyses between 2005 & 2017 versions of ISO/IEC 17025
• Proficiency Testing Providers list (EPTIS database)
• Adding resources to document repository
• Guidance documents
• Lessons learned from first labs transitioning to ISO/IEC 17025:2017
Accreditation Consultant

Working with 11 laboratories:

- Alabama Department of Agriculture (New!)
- Hawaii Department of Health (Accredited!)
- Michigan Department of Health (Accredited!)
- New Hampshire Division of Public Health Services
- New Mexico Department of Health
- New Mexico State University
- Oklahoma Department of Agriculture
- Pennsylvania Department of Health
- South Dakota State University (Awaiting accreditation confirmation!)
- Tennessee Department of Health
- Washington Department of Health

www.aphl.org
GenomeTrakr Trainings & Meetings

• Provide logistical support and assist with planning for annual in-person GenomeTrakr meetings

• Assist in developing best practices document for NCBI submission
Supporting additional GOOD Test Portions laboratory trainings

• Working with AAFCO to provide support for three GOOD Test Portions trainings
  – NY Department of Agriculture & Markets (December 2018)
  – VA Division of Consolidated Laboratory Services (June 2019)
  – FDA ORA Laboratory, Lenexa, KS (June 2019)

• Up to 4 additional trainings can be held in 2019-2020.

• If your laboratory is interested in hosting a training, contact Nancy Thiex (nancy.thiex@gmail.com)
## Laboratory Framework

### Human and Animal Food Laboratory Professional Curriculum Framework - July, 2019

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### Expert (Program Specific)

- Animal Food
- Human Food
- Swineen
- Instrument Repair
- Laboratory Evaluation Officer
- Coaching
- Nanotechnology

### Certifications & Certifications

- Chemistry
- Microbiology

### Mid (Program Specific)

- Animal Food
- Animal Health
- Dairy
- Environmental
- Human Food
- Swineen
- Audit
- Hazardous Material Shipping
- Infectious Agent Shipping
- Waste Management
- Animal Food Safety
- Animal Health
- Food Safety
- Environmental Conditions
- Milk and Dairy Product Safety
- Shellfish

### Mid

- Advanced Communication Skills
- Advanced Quality Techniques
- Basic Leadership Skills
- Critical Thinking
- Evidentiary Integrity
- Human and Animal Food Incident Response
- Laboratory Networks and Partnerships
- Legal Proceedings
- Method Evaluation and Selection
- Root Cause Analysis

### Entry (Program Specific)

- Animal Food
- Biosafety Level 3
- Dairy Regulatory Programs
- Select Agents
- Shellfish Regulatory Programs

### Certifications & Certifications

- Environmental Monitoring and Investigations
- Laboratory Sampling
- Method Resources
- Public Health (One Health) Approach
- Quality Management Systems
- Regulatory Programs
- Regulatory Sampling

### Entry

- Accreditation Certification
- Basic Communication Skills
- Basic Laboratory Math
- Basic Laboratory Statistics
- Basic Laboratory Techniques
- Chain of Custody
- Ethics
- Incident Command System (I-CS)
- Integrated Food Safety System (IFSS)
- Laboratory Information Management System (LIMS)
- Laboratory Sampling

### Analysis. Answers. Action.

[www.aphl.org](http://www.aphl.org)
## Laboratory Framework - We need your help!

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Resources

- APHL Accreditation Resources
- List of Proficiency Testing Providers
- State Human & Animal Food Laboratory Professionals Curriculum Framework
- Data Acceptance White Paper (January 2019)
- APHL Quality Management Training Series
- APHL Accreditation Resource Repository (restricted access)
- GenomeTrakr Network
- GOODSamples
- GOOD Test Portions
Thank you

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