

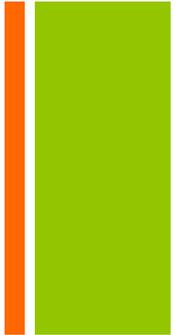


LABORATORY SAMPLING ACTIVITIES

RECENT ACTIVITIES



JAOAC Section on Sampling Methods



- Scope statement for Sampling Methods Section

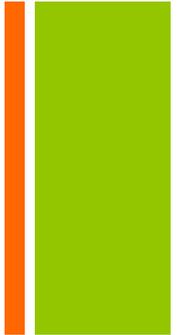
The scope of this section includes studies related to the primary sampling and laboratory sampling methods for all relevant materials. The materials of interest include (but are not limited to): food and food ingredients intended for humans, animal, and pets; plant foods; environmental materials; tobacco; cosmetics; and nutritional supplements. Such studies should report error associated with the sampling method for specific materials and include a scholarly description of the study design for a specific analyte(s), analyte(s) concentration, acceptable error, and/or incorporation of sample quality control. Sampling methods include (but not limited to) those for crops, bulk materials, finished lots, and selection of test portions. Laboratory sampling methods include all processes after receipt of the laboratory sample through selection of test portion.

Appropriate papers include single laboratory validations of sampling methods, studies comparing the performance of sampling methods, and review articles. This section may also include policy papers such as those that discuss the impact of sampling tolerances on decision making, sampling error, sample quality criteria, risk assessment, and other sampling topics of regulatory interest or impact.

- Two manuscripts submitted

- Four possible additional manuscripts committed

+ Recent Papers



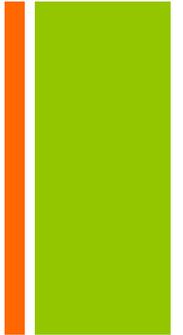
- Theory of Sampling Applied to Food Safety and Environmental Protection (Ramsey, Thiex and Jing)
- The Effect of Sampling Error on Acceptance Sampling for Food Safety (Ramsey)
 - Presented at the 9th World Conference on Sampling and Blending, May 2019, in Beijing, China and published with the proceedings. Email Nancy for copies.
- Evaluation of the use of Microtracers™ in a Proficiency Testing Program. JAOAC Apr 2019. DOI: 10.5740/jaoac.18-0354.

+ Pilot Sampling PT Exercise

- Unground feed prepared by weighing each ingredient separately for each PT item (corn, flax, urea, calcium carbonate, Zn salt, Cu salt, vitamin A). Feeds have been prepared.
- Ship to volunteer labs
- Labs will select test portions for protein, fat, starch, NPN, Ca, Cu, Zn and vitamin A. Each lab will run protein, and ship all other test portions back to me
- Test portions will be sorted and shipped to volunteer labs to run tests (except protein)
 - Minerals – NPAL
 - Starch – USDA ARS
 - Fat – OK Dept of Ag or Eurofins
 - NPN – NC Dept of Ag
 - Vitamin A – OISC
 - (lots of volunteers)
- Data and lessons learned will be presented in August. Insight into increasing scale.

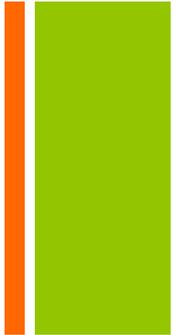
+ GOOD Test Portions Training Events

- Albany, NY Ag Lab, December 2018
- VA DCLS, Richmond, VA June 2019
- FDA Lab, Lenexa, KS June 2019
- One in planning stages for 2020



+ MN Dept of Ag Study: estimating error contribution from laboratory sampling

- Michele Swarbrick will present MN Dept of Ag data on estimation of error due to laboratory sampling (separated from analytical uncertainty).

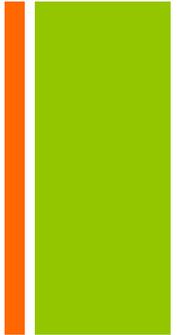


+ New three association Co Ag opportunity!

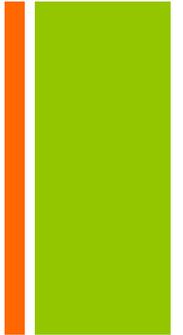
- New RFA! Posted January 21, 2020.
- Due date: March 23, 2020

Why am I so excited? This is how we got our PTP ISO 17043 accredited, this is how we added the mycotoxins and minerals PT schemes, and supported the pet food scheme. This is how we got *GOODSamples* and *GOOD Test Portions*. This is how we got the Data Acceptance piece, the Laboratory Curriculum Framework underway, the resources portal on the APHL web site and many more.....

- Grant writing to do.



+ Questions?



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