

“DRAFT” Minutes from VDR Meeting at AOAC September 15, 2009

Our primary topics for 2010 are Single Lab Validation (SLV) protocol finalization for the community to submit to AOAC, furthering of new methods validation through AOAC, and election of new officers.

SLV discussion

John Reuther suggested that the SLV protocol for VD residues will be somewhat unique.

Lars Reimann with Eurofins is providing a draft of the Chemical Community protocol, targeted for chromatography methods. Tom Burnett with Elanco will work out additional details and then a circulation to the group will follow.

There may be differing requirements for SLV to satisfy different countries. While these can be considered, they may not all be possibly or necessarily included in the final protocol. Fortunately because of the global participation in the group (an hopefully this effort) we may be able to identify these and debate whether we should adhere to them or not.

The intention is to keep the skeleton of the overall Community protocol intact but make adjustments where unique requirements occur for a particular subgroup.

Tom is familiar with the EU protocols, and will consider them in the document.

The goal of this SLV is to have a certain level of integrity that can move forward through AOAC or EU or FDA. The protocol should attempt to meet minimum requirements.

A benefit of this exercise will be to learn how this starting point how this starting point differs from other analyte classes.

In the context of regulatory work, the definition of the LOQ or LOD will determine the useability of method. The statement of purpose of the method should be included.

2 areas will be significant: 1, the definition of LOQ, and the harmonization of this between classes of analytes. 2, the performance criteria for the method.

It was questioned whether some flexibility should be allowed in the construction of the SLV protocol, e.g, with respect to later inclusion of additional analytes or metabolites in a method.

It was suggested that the scope of the method needs to be resolved before a method is validated.

Should ruggedness testing be included in the SLV. Most participants agreed this is necessary for SLV, but probably not needed for a collaborative.

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Before a validation is started- the following questions should be raised:

- 1) What LOQ does it need to meet?
- 2) What precision
- 3) What specificity
- 4) How rugged

Ruggedness is important. Critical control points in the method should be identified and tested.

<Close of SLV discussion>

New Methods Discussion

The three primary methods (dyes, nitrofurans metabolites, quinolones) voted priority in last year's meeting are being actively developed in the Seafood Task multi-residue protocol force, and we understand that there has been significant progress toward that goal. These are therefore not a priority for this group at this time.

The observed trend in current VD methods being developed are multi-class protocols using triple quad LC-MS. However there are no visible industry stakeholders that may fund efforts within AOAC to bring forward a collaborative effort.

FSIS wants multiclass methods in catfish, beef, pork, poultry tissue. They are currently working with Pickering labs.

Having access to the developmental methods would be helpful to private labs, for a number of reasons. They need to know what is in development and can use draft methods as a starting point in their own developmental process.

If any agency needs assistance with collaborative studies, it is suggested they approach the subgroup to solicit participants. Many agency representative sit on this subgroup.

A method proposed by the Chinese government lab for fluoroquinolones has been offered for comment and needs technical review. Perry Martos (Univ of Guelph) offered to review the method and comment. Being that it is microbiology based, it is likely not going to be a priority for the subgroup or AOAC. John Reuther will forward the method to Perry.

This method was one of 4 methods submitted by the Chinese. The other methods were more applicable to other subgroups or other communities and were forwarded to them.

New Officers

The roles of the officers was discussed.

Two participants offered to fill the posts, Sherri Turnipseed (FDA Denver Lab) for the chair, and Perry Martos for secretary. Both were voted yeah unanimously. John Reuther will assist in the coming year as ex-officio.

End of meeting

9/17/09 JMR