

AOAC INTERNATIONAL Stakeholder Process and the Development and Use of SMPR's

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Abstract

AOAC is active in some very exciting standards development programs. One of the most exciting programs is AOAC's Stakeholder Panel Process and the development of Standard Method Performance Requirements. (SMPR) This process is being used to develop standards for infant formula (SPIFAN), and other important food matrices. Infant formula is one of the most highly regulated products in the world, and it is critical that there are good validated test methods for analysis of these products. SPIFAN has already validated over 50 new AOAC Official First Action Methods and 14 AOAC Official Final Action Methods using the SMPR process. Twelve of these new AOAC methods have also been approved by ISO, IDF, and Codex Alimentarius. This makes them the most recognized international test methods for infant formula.

The presentation will outline each of the steps in the AOAC Stakeholder Panel Process. Details will be provided on the new AOAC standards development process and how it is being used to develop Standard Method Performance Requirements (SMPR's). Each step in the SMPR process will be explained and the overall outcomes in several areas will be described. A critical component of the SMPR understands the global implications of the test methods that are being developed. It is important to AOAC that we have Stakeholders from all of the geographies where these important standards are needed. The final SMPR is codified as an official AOAC standard, and is used as the definition of requirements in all of the future validation programs.

Several examples SMPR's will be shared during the presentation and each of the components of these standards will be described in detail for the audience. The importance of the SMPR will be highlighted in each of the examples that are discussed.

References

- [1] Gill ET AL: Journal of AOAC INTERNATIONAL. Vol. 98, No.1, 2015
- [2] Sullivan: Journal of AOAC INTERNATIONAL. Vol. 95, No.2, 2012