



AOAC INTERNATIONAL

Stakeholder Panel for Infant Formula and Adult Nutritionals (SPIFAN)

AOAC Headquarters/Virtual Meeting

2275 Research Blvd. Suite 300

Rockville, MD 20850, USA

Wednesday, April 26, 2017 – 10:00am (Eastern US)

REPORT OF THE NUTRIENTS EXPERT REVIEW PANEL (ERP) PROCEEDINGS

Expert Review Panel Members (in attendance):

Darryl Sullivan

John Austad
Sean Austin
Esther Campos-Giménez
Scott Christiansen
Hans Cruijssen
Jon DeVries
Don Gilliland/Karen Schimpf
Estela Kneeteman
Adrienne McMahan
Bill Mindak
Maria Ofitserova
Melissa Phillips/Kate Rimmer
Günther Raffler

Covance Labs (Chair)

Covance Labs
Nestlé Research Centre
Nestlé
Perrigo Nutritionals
FrieslandCampina
DeVries & Associates
Abbott Nutrition
INTI
Wyeth
FDA CFSAN
Pickering Labs, Inc.
NIST
Eurofins/CLF

Expert Review Panel Members (unable to attend):

Sneh Bhandari
Brendon Gill/Harvey Indyk
Shay Phillips
Martine van Gool
David Woollard
Jinchuan Yang

Mérieux NutriSciences
Fonterra Cooperative
Mead Johnson Nutrition
FrieslandCampina
Eurofins (formerly Hill Labs)
Waters Corp.

AOAC Staff Includes:

Delia Boyd
Scott Coates (CSO)
Deborah McKenzie
Alicia Meiklejohn

Observers:

Greg Jaudzems, Nestlé
Joe Thompson, Abbott Nutrition

I. WELCOME AND INTRODUCTIONS

Darryl Sullivan welcomed all participants to the ERP meeting and introduced the ERP members.

II. REVIEW OF METHODS BY EXPERT REVIEW PANEL (ERP) FOR FINAL ACTION *OFFICIAL METHOD*SM STATUS

The Expert Review Panel (ERP) reviewed two (2) methods for Final Action *Official Methods*SM status. One (1) method was recommended to the Official Methods Board (OMB) for Final Action *Official Method*SM consideration.

Method	Method Title	Reviewer(s)	Vote	Comments
<i>Chloride</i>	OMA# 2016.03 (Chlor-02/04) – <i>Multi Laboratory Test – AOAC First Action Method 2016.03 Chloride in Infant Formula and Adult/Pediatric Nutritionals</i>	Shay Phillips Bill Mindak Karen Schimpf	Karen Schimpf (moved) Bill Mindak (second) Unanimous / Abstain-3 e-Ballot vote Yes-10/No-0/Abstain-3 <hr/> Method recommended for Final Action <i>Official Method</i> SM status	<ul style="list-style-type: none"> ○ Include additional detail in the final report ○ Need cautionary statement for the RTF on high fat or oil (should be properly shaken) ○ The samples received may be problematic; not the method ○ Product has shelf life issues ○ Not sure why the placebos were included; they are causing the issues; they should be removed
<i>MTE</i>	OMA# 2011.14 (MTE-01/03) – <i>Infant formula, Adult nutrition Milk and milk products — Determination of calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium and zinc contents - Inductive coupled plasma atomic emission spectrometric method (ICP-AES)</i>	Bill Mindak Jinchuan Yang	e-Ballot vote Yes-4/No-4/Abstain-5 <hr/> Method not recommended for Final Action <i>Official Method</i> SM status	<ul style="list-style-type: none"> ○ See reviewer forms ○ This method was final action with other matrices and was extended to include infant formula ○ The information provided needs to be based on the SMPR ○ Revise LOQ to meet the SMPR ○ Appropriate LOQs of the few challenging elements need to be clearly listed in the method ○ Method doesn't meet the SMPR for Cu, Fe, Mn and Zn

III. REVIEW OF METHODS BY EXPERT REVIEW PANEL (ERP) FOR REPRODUCIBILITY TESTING

The ERP collectively discussed the methods and select a single method to move forward through the AOAC SPIFAN process for reproducibility testing.

Method	Method Title	Vote	Comments
<i>MTE</i>	OMA# 2015.06 Minerals and Trace Elements in Milk, Milk Products, Infant Formula and Adult/ Pediatric Nutritional Formula, ICP-MS Method, First Action 2015	e-Ballot Yes-8/No-1/Abstain-5	

IV. NEXT STEPS/FEEDBACK FROM EXPERT REVIEW PANEL

Darryl Sullivan provided next steps including an e-Ballot to be sent to the entire ERP for voting.

❖ To view the ERP Reviewer forms please [click here](#) or <https://cld.bz/6FelpGo>