



AOAC INTERNATIONAL

Stakeholder Panel for Infant Formula and Adult Nutritionals (SPIFAN) Whey Protein: Casein Ratio (WPC)

Meeting at the Sheraton Dallas Hotel
400 N. Olive Street
Dallas, TX 75201

Tuesday, September 20, 2016 – 2:00pm (Eastern US)

REPORT OF THE EXPERT REVIEW PANEL (ERP) PROCEEDINGS

Expert Review Panel Members (in attendance):

Sarwar Gilani, Co- Chair
Lei Bao
Sneh Bhandari
Jonathan DeVries
Steve Holroyd
Shay Phillips
Marina Torres
Martine van Gool

Consultant
Nestlé
Mérieux NutriSciences
DeVries & Associates
Fonterra
Mead-Johnson
LATU
FrieslandCampina

Expert Review Panel Members (unable to attend):

Nana Farkye, Co- Chair
Shane Rutherford
Chao Wu

California Polytechnic State University
Massey University-Riddit Institute
Hilmar Ingredients

AOAC Staff Includes:

Delia Boyd
E. James Bradford
Scott Coates
Arlene Fox
Deborah McKenzie
Tien Milor

I. WELCOME AND INTRODUCTIONS

Sarwar Gilani welcomed all participants to the ERP meeting and introduced the ERP members.

II. REVIEW OF METHODS BY EXPERT REVIEW PANEL (ERP) FOR FIRST ACTION *OFFICIAL METHOD*SM STATUS – AOAC SPIFAN II

For each method, the ERP discussed method submitted. One (1) method received First Action *Official Method*SM status.

Method	Method Title	Reviewer(s)	Vote	Comments
WPC	<i>WPC-31 - Quantification of whey protein content in infant formulas by SDS-CGE (Sodium Dodecyl Sulfate – Capillary Gel Electrophoresis)</i>	Marina Torres Shay Phillips	Shay Phillips (moved) Marina Torres (second) Yes-8/ No-0/Abstain-0 <hr/> Method recommended for First Action <i>Official Method</i> SM status	<ul style="list-style-type: none"> ▪ Method must use SPIFAN samples ▪ The method is not for hydrolyzed protein based infant formula ▪ Liquid formula needs to be explored ▪ No safety concerns ▪ Method should use correction factor based on the ratio of whey protein ▪ The method needs to evaluate the whey protein: casein ratio (WPC) ▪ The method demonstrates the analytical range ▪ Must clarify what the LOQ means ▪ The method meets the SMPR®

III. NEXT STEPS/FEEDBACK FROM EXPERT REVIEW PANEL

The ERP will provide feedback to AOAC and during the next meeting review the previous submitted methods for repeal.