

## METHODS COMMITTEE REPORTS

## Methods Committee on Additives, Beverages, and Food Process-Related Analytes and Filth and Extraneous Materials in Food and Drugs

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### Committee Actions

This year, the Committee undertook the review of 19 First Action methods pending Final Action. Nine methods were voted Final Action, 6 will remain First Action, while 1 method was recommended to be repealed. Three methods referring to

dairy products and coffee will be moved to their appropriate Committees.

The Committee also submitted nominations for General Referee of the Year, Study of the Year, and Study Director of the Year for the study *Determination of Site-Specific (D/H) Ratios in Vanillin by <sup>2</sup>H-NMR*, which was approved First Action at the last Annual Meeting.

The Committee approved as minor revisions changes made to AOAC Methods **945.75** and **959.14** submitted by the General Referee (GR) for Filth and Extraneous Materials in Food and Drugs.

### General Referee Reports

#### *Alcoholic Beverages*

General Referee Armen Mirzoian, Alcohol and Tobacco Tax and Trade Bureau (TTB), 6000 Ammendale Rd, Beltsville, MD 20705. Tel: 240-264-1598, Fax: 202-435-7415, E-mail: armen.mirzoian@ttb.gov. No report.

#### *Color Additives, Vacant*

#### *Filth and Extraneous Materials in Food and Drugs*

General Referee Mickey Anderson, U.S. Food and Drug Administration, 60 Eighth St NE, Atlanta, GA 30309, Tel: 404-253-1200 ext. 5233, Fax: 404-253-1208, E-mail: mickey.anderson@fda.hhs.gov.

(1) Incorporate changes proposed at 2006 Annual Meeting including revising sections of **945.75** parts 16.1.01 **B(a)** Aerator, water, **(d)** bolting cloth, **(e)** butter stirrer, **(g)** cyclone, **(h)** extraction vessels, (2) percolator, (4) trap flask, and C Reagents.

(2) Recommend moving Section 16.15.06 **997.17** from Chapter 16 to Chapter 17.

(3) Recommend moving **994.05** to Final Action.

(4) Recommend that **986.28** be repealed due to the fact that **990.10** incorporates corn meal and **986.28** is for corn meal only.

#### *Flavors, Vacant*

#### *Food Additives*

General Referee John Casanova, U.S. Food and Drug Administration, 60 Eighth St, Atlanta, GA 30309, Tel: 404-253-1200 ext 5342, E-mail: jcasanov@ora.fda.gov. Our laboratory is working on a publication involving analysis of imidazoles in food that is hoped will be completed before the end of the year and submitted to *J. AOAC Int.* Other methods that have been worked on this year include both anion and cation exchangeable pesticides having high solubility in

aqueous solution that are not readily detected by the conventional pesticide screens commonly employed in the laboratory (e.g., target primarily organophosphate, organochlorinated, and organonitrogen compounds).

We have developed procedures for melamine and its metabolites (found in pet food from China) and are also working on glyphosate and its metabolites in a variety of food matrixes. We hope, time permitting, to be able to complete the development of these methods and seek collaboration with other laboratories interested in the same work.

*Nonalcoholic Beverages, Vacant*

*Spices and Other Condiments*

General Referee Roman Grypa, McCormick & Co., Inc.,  
204 Wight Ave, Hunt Valley, MD, Tel: 410-527-6531 Fax:  
410-527-6527, E-mail: Roman\_Grypa@McCormick.com.

ASTA (American Spice Trade Association) has been actively working on an LC/MS/MS method for Sudan dyes in spices. This project was undertaken by ASTA to determine reasonable detection limits for various azo dyes suspected to be added to capsicum and turmeric samples to enhance their visual appearance. Currently there has been no validated method established for this analyses overseas and ASTA finds the current 10 ppb limit of quantitation set for all azo dyes in spices to be unrealistic.

ASTA will publish the method in their Official Methods Manual after the study is completed.

*Note:* Committee C: Final recommendations based on votes received by e-mail.