CODEX ALIMENTARIUS COMMISSION E

Food and Agriculture Organization of the United Nations

World Health Organization

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel: (+39) 06 57051 - E-mail: codex@fao.org - www.codexalimentarius.org

Agenda Item 3 **CX/MAS 18/39/3**

February 2018

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON METHODS OF ANALYSIS AND SAMPLING

Thirty-ninth Session

Budapest, Hungary, 7 – 11 May 2018

ENDORSEMENT OF METHODS OF ANALYSIS AND SAMPLING PLANS FOR PROVISIONS IN CODEX STANDARDS

1. This document contains the methods of analysis and/or sampling (Appendix I and II) proposed by the following Committees:

- Committee on Nutrition and Foods for Special Dietary Uses (methods of analysis for Infant Formula and Fomulas for Special Medical Purposes Intended for Infants);
- Committee on Milk and Milk Products (methods of analysis for dairy permeate powders).

CODEX COMMITTEE ON NUTRITION AND FOODS FOR SPECIAL DIETARY USES (CCNFSDU39)

Methods of analysis for provisions in the Standard for Infant Formula and Formulas for Special Medical Purposes Intended for Infants (CXS 72-1981)[1]

2. The Committee agreed to submit the methods for biotin, vitamin D, and chloride to CCMAS for typing, endorsement and inclusion in the *Recommended Methods of Analysis and Sampling* (CXS 234-1999) and request CCMAS to re-type the related existing methods for biotin, vitamin D and chloride in CXS 234-1999.

3. The Committee **is invited to endorse** the methods of analysis and consequential retyping of existing methods in Appendix I.

COMMITTEE ON MILK AND MILK PRODUCTS (CCMMP)

Methods of analysis for dairy permeate powders[2]

NOTE: The Commission adopted the Standard for Dairy Permeate Powders at Step 8 subject to the endorsement of the provisions on food labelling and methods of analysis by CCFL44 and CCMAS39, respectively.

4. The Committee **is invited to endorse** the methods of analysis in Appendix II.

[1] REP18/NFSDU, para 152, Appendix VII

[2] REP17/CAC, para 54, /Appendix VII, CX/CAC17/40/3-Add.1 Annex 2

APPENDIX I

COMMITTEE ON NUTRITION AND FOODS FOR SPECIAL DIETARY USES (CCNFSDU39)

Methods of analysis for infant formula

Commodity	Provision	Method	Principle	Proposed Type
Infant Formula	Biotin	EN 15607	HPLC	~~II~~ **III**
		AOAC 2016.02	**HPLC**	**II**
	Vitamin D	AOAC 992.26	HPLC	III
		EN 12821	HPLC	~~II~~ **III**
		AOAC 995.05	HPLC	III
		AOAC 2016.05 | ISO DIS 20636	**LC-MS**	**II**
	Chloride	AOAC 986.26	Potentiometry	III
		AOAC 2016.03 | ISO DIS 21422 | IDF 242	**Potentiometry**	**II**

Appendix II

COMMITTEE ON MILK AND MILK PRODUCTS (CCMMP)

Methods of analysis for dairy permeate powders

Provisions	Method	Principle	Type
Lactose, anhydrous	ISO 22662|IDF 198:2007 - Milk and milk products - Determination of lactose*	HPLC (high-performance liquid	II
Milkfat	ISO 1736 | IDF 009:2008 - Dried milk and dried milk products - Determination of fat content	Gravimetry (Röse-Gottlieb)	I
Nitrogen	ISO 8968-1 | IDF 020-1:2014 - Milk and milk products - Determination of nitrogen content - Part 1	Titrimetry, Kjeldahl principle	I
Moisture**	ISO 5537 | IDF 026:2004 - Dried milk Determination of moisture content	Gravimetry (drying at 87°C)	I
Ash	NMKL 173:2005 Ash, gravimetric determination in foods AOAC 930.30-1930 - Ash of Dried Milk	Gravimetry (ashing at 550 °C)	IV