

codex alimentarius commission



FOOD AND AGRICULTURE
ORGANIZATION
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Agenda Item 8

CX/FA 10/42/14
September 2009

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON FOOD ADDITIVES

Forty-second Session

Beijing, China, 15-19 March 2010

SPECIFICATIONS FOR THE IDENTITY AND PURITY OF FOOD ADDITIVES ARISING FROM THE 71st JECFA MEETING

Governments and international organizations in Observer status with the Codex Alimentarius Commission wishing to submit comments on the following subject matter are invited to do so **no later than 15 December 2009** as follows: Secretariat, Codex Committee on Food Additives, National Institute of Nutrition and Food Safety, China CDC, 7 Panjiayuan Nanli, Chaoyang District, Beijing 100021, China (Telefax: + 86 10 67711813, E-mail: secretariat@ccfa.cc *preferably*), with a copy to the Secretary, Codex Alimentarius Commission, Joint FAO/WHO Food Standards Programme, Viale delle Terme di Caracalla, 00153 Rome, Italy (Telefax: +39 06 5705 4593; E-mail: Codex@fao.org - *preferably*).

BACKGROUND

1. Specifications for 21 food additives and flavourings were discussed and prepared or reviewed at the 71st JECFA meeting (Geneva, June 2009) and the resulting monographs are available (in English only) on JECFA Online Edition of: "Combined Compendium of Food Additive Specifications" <http://www.fao.org/ag/agn/jecfa-additives/search.html?lang=en>. Monographs resulting from the 71st JECFA meeting have been published as FAO JECFA Monographs 7, FAO, Rome, 2009. The publication is also available to download as a pdf-document at the FAO JECFA website at: http://www.fao.org/ag/agn/agns/jecfa_output_en.asp

2. The specifications cover:

<i>Food Additives</i>			
	Specifications	Full	Tentative
New	9	6	3
Revised	11	9	2
Revised not republished	1	1	
Revised by the JECFA Secretariat	12		

3. The Committee is being asked to review these specifications, in particular those designated as "Full", with a view to recommending their adoption by the Commission as Codex Specifications, taking into account comments received. It should be pointed out that, as JECFA has decided on the naming of the food additives on the agenda, it is recommended to align the names in CAC/GL 36-1989 accordingly. This is relevant for the following food additives: ethyl lauroyl arginate (INS 243); lycopene extract from tomato (INS 160d(ii)); and sucrose oligoesters Type I and Type II (INS 473a).

4. The 16 food additives given full (new and revised) specifications at the 71st JECFA are listed in the Annex. Separate lists of the food additives for which specifications were designated as tentative, or revised without being republished, are also given in the Annex with explanations.

5. Furthermore, changes have been introduced in the JECFA food additive specifications monographs in the on-line version of the Combined Compendium of Food Additive Specifications for 12 food additives: benzyl alcohol (INS 1519); calcium lignosulfonate (40-65) (INS 1522); cyclotetraglucose; glycerol diacetate; lycopene (synthetic) (INS 160d(i)); lycopene from *Blakeslea trispora* (INS 160d(iii)); microcrystalline cellulose (460(i)); potassium sulfate (INS 515(i)); sodium sulfate (INS 514(i)); sodium L(+)-tartrate (INS 335(ii)); sucroglycerides and sucrose esters of fatty acids (INS 474). The modifications result from changes related to the ADI established for cyclotetraglucose, the group ADIs established for lycopenes (lycopene (synthetic) and lycopene from *Blakeslea trispora*) and sucrose esters (sucroglycerides and sucrose esters of fatty acids) at the 71st JECFA meeting and the changes in INS numbers and functional uses (except for deletion of functions or addition of functions that may have an impact on the use of the substance and dietary exposure) assigned to food additives by the Codex Alimentarius Commission at its 32nd session in 2009 (ALINORM 09/32/12, Appendix VII). These updated specifications monographs have also been edited to include the currently used reference to the test method for lead, where applicable.

SPECIFICATIONS RESULTING FROM THE 71st JECFA

FOOD ADDITIVES

SPECIFICATIONS DESIGNATED AS FULL AT THE 71st JECFA (FAO JECFA Monographs 7, Rome, 2009):¹

Branching glycosyltransferase from *Rhodothermus obamensis* expressed in *Bacillus subtilis* (N)
 Cyclotetraglucose syrup (R)
 Diacetyltartaric and fatty acid esters of glycerol (R) (INS 472e)
 Ethyl lauroyl arginate (R) (INS 243)
 Ferrous ammonium phosphate (N)
 Lycopene extract from tomato (N) (INS 160d(ii))
 Nisin (R) (previously named Nisin preparation) (INS 234)
 Octenyl succinic acid modified gum Arabic (N)
 Pectins (R) (INS 440)
 Sodium hydrogen sulfate (R) (INS 514)
 Modified starches - Starch sodium octenyl succinate (R) (INS 1450)
 Sucrose oligoesters Type I (N) (INS 473a)
 Sucrose oligoesters Type II (N) (INS 473a)
 Tannic acid (R) (INS 181)
 Titanium dioxide (R) (INS 171)

SPECIFICATIONS DESIGNATED AS TENTATIVE AT THE 71st JECFA (FAO JECFA Monographs 7, Rome, 2009):¹

Cassia gum (N) Tentative (INS 427)
 Glycerol ester of gum rosin (N) Tentative
 Glycerol ester of tall oil rosin (N) Tentative
 Glycerol ester of wood rosin (R) Tentative (INS 445)
 Nitrous oxide (R) Tentative (INS 942)

SPECIFICATIONS REVISED WITHOUT BEING REPUBLISHED (available in the electronic version of the specifications at the FAO JECFA website):

Triethyl citrate (INS 1505):	Correction of the INS number to 1505
Benzyl alcohol (INS 1519)	Addition of INS number; correction of functional uses
Calcium lignosulfonate (40-65) (INS 1522)	Addition of INS number
Cyclotetraglucose	Full ADI
Glycerol diacetate (INS 1517)	Addition of INS number; correction of functional uses
Lycopene (synthetic) (INS 160d(i))	New group ADI
Lycopene from <i>Blakeslea trispora</i> (INS 160d(ii))	New group ADI
Microcrystalline cellulose (INS 460(i))	Correction of INS number
Potassium sulfate (INS 515(i))	Correction of INS number and functional uses
Sodium sulfate (INS 514(i))	Correction of INS number and functional uses
Sodium L(+)-tartrate (INS 3135(ii))	Correction of INS number
Sucroglycerides (INS 474)	New group ADI
Sucrose esters of fatty acids (INS 473)	New group ADI

¹ (N) new specification; (R) revised specification.