CODEX ALIMENTARIUS COMMISSION

Food and Agriculture Organization of the United Nations

World Health Organization

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Agenda Item 3b **CX/FA 16/48/4 Add.2**

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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON FOOD ADDITIVES

Forty-eighth Session

Xi'an, China, 14-18 March 2016

PROPOSED DRAFT SPECIFICATIONS FOR IDENTITY AND PURITY OF FOOD ADDITIVES ARISING FROM THE 80th JECFA MEETING

Comments at Step 3 of Mali, Russian Federation, Senegal and African Union

MALI

Le Mali félicite le JECFA pour la préparation de l'Avant-projet. Il n'a pas d'observations particulières sur le document de travail et est favorable aux recommandations formulées par le JECFA.

RUSSIAN FEDERATION

Tentative specifications for food additives (Silicon dioxide, amorphous (INS 551)

According to the decision of 80th meeting, JECFA the tentative status of the specifications of Silicon dioxide, amorphous INS 551 was maintained, because the methods of differentiation of Silicon dioxide forms are absent. The tentative specifications will be withdrawn unless the requested information is provided by December 2016.

The base criteria of detection of different forms of Silicon dioxide is DIAMETER of FLAKS.

Diameter of flaks is detection by number of methods. The methods most used are:

- transmission electron microscopy, TEM,

- atomic force microscopy AFM,

- dynamic light scattering, DLS.

AFM and DLS recognized as official methods in international practice. For these methods appropriate standards ISO 13095:2014 and ISO 22412:2008 are established.

Diameter of flaks in dispersion form by DLS method with help of Nanotrack Wave (production of Microtrack Inc, USA) is analyzed at the present time in RU.

However, data about level of pollutants soluble in 0.5 M hydrochloric acid for all forms of silicon dioxide used as food additives in RU at present time are absent. In case of providing samples RU can carry out investigations on mineral pollutants like Pb, Cd, As and other. RU can develop sample preparation method for detection Na, and Al in Silicon dioxide, amorphous. To facilitate these provisions of extra-budgetary resources are need.

Table 1. Food additives evaluated toxicologically at the 79 th JECFA meeting

INS Number	Food additive	Opinion RU
	Benzoates: dietary exposure assessment	RU agrees with JECFA opinion ~~JECFA~~ about necessity to reduce the ML for benzoates in GSFA food category 14.1.4.: Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and similar drinks. In this case it should be mentioned that in RU using of benzoates in food for children of all age category is prohibited.
1104	Lipase from *Fusarium heterosporum* expressed in *Ogataea*	RU agrees with: Recommendation to include lipase from *Fusarium Heterosporum* expressed in *Ogataea polymorpha* in the database on processing aids under condition of

INS Number	Food additive	Opinion RU
	polymorpha	pointing out **unique numbers given by producers and consolidated with JECFA on the basis of risk estimation results**.
	Maltotetraohydrolase from *Pseudomonas stutzeri* expressed in *Bacillus licheniformis*	RU agrees with: - Recommend inclusion of maltotetraohydrolase from *Pseudomonas stutzeri* expressed in *Bacillus licheniformis* in the database on processing aids under condition of pointing out **unique numbers given by producers and consolidated with JECFA on the basis of risk estimation results.**
559 556	Aluminium silicate (INS 559) Calcium aluminium silicate (INS 556)	RU supports the revocation of the Codex specifications for aluminium silicate (INS 559) and calcium aluminium silicate (INS 556). This proposal is correspondent with JECFA и EFSA opinions about aluminum toxicity and about data that at present time the level of its consumption with food additives could be higher than established JECFA for aluminium PTWI – 0-2 mg/kg body mass per week.

SENEGAL

Probléme:

Le CCFA est chargé de:

a) examiner les normes considérées comme « complètes » pour les additifs alimentaires cités dans l'appendice 1 partie a, en vue de recommander leur adoption par la Commission comme normes Codex, en tenant compte des observations reçues.

b) envisager la révocation des normes Codex pour le silicate d'aluminium (SIN 559), et l'aluminosilicate de calcium (SIN 556) suite au retrait des normes provisoires.

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Position: Nous appuyons les recommandations du JECFA sur les additifs alimentaires ci-dessus.

Justification: l'évaluation par le JECFA a été basée sur la science . La révocation est fondée sur le retrait du cahier des charges.

AFRICAN UNION

Issue: JECFA evaluated the safety of the food additives listed below and recommended adoption of the specifications by the Commission: [(N) new specifications; (R) revised specifications].

(i) Advantame (R) (INS 969)

(ii) Annatto extracts (solvent-extracted bixin) (R) (INS 160b(i))

(iii) Annatto extracts (solvent-extracted norbixin) (R) (INS 160b(ii))

(iv) Calcium silicate (R) (INS 552)

(v) Lipase from Fusarium heterosporum expressed in Ogataea polymorpha (N) (INS 1104)

(vi) Magnesium stearate (N) (INS 470(iii))

(vii) Maltotetraohydrolase from Pseudomonas stutzeri expressed in Bacillus licheniformis (N)

(viii) Polyvinyl alcohol (PVA)-polyethylene glycol (PEG) graft co-polymer (N) (INS 1209)

Further JECFA has requested revocation of the Codex specifications for aluminium silicate (INS 559) and calcium aluminium silicate (INS 556).

Position: AU supports the recommendations by JECFA on the above food additives.

Rationale: The evaluation by JECFA was science-based. The revocation was based on the withdrawal of specifications.