



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 6

CX/FA 25/55/9 Add.1

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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEx COMMITTEE ON FOOD ADDITIVES

Fifty-fifth Session

PROPOSED DRAFT REVISION TO THE CLASS NAMES AND THE INTERNATIONAL NUMBERING SYSTEM (INS) FOR FOOD ADDITIVES (CXG 36-1989)

COMMENTS AT STEP 3 IN REPLY TO CL 2025/02-FA

(Comments by Chile, European Union, Philippines)

Chile

Proteomic Analysis of Recombinant and Native Phycocyanin from *Spirulina* sp.

I. SUMMARY

Proteomic analysis was performed on 5 total samples, corresponding to native phycocyanin extracts from *Spirulina* sp., triplicated, and phycocyanin recombinant protein, duplicated. Proteins were extracted and quantified from each sample and subsequently analyzed via nLC-MS/MS using DDA (Data Dependent Acquisition) as the data acquisition method. The results were analyzed using the FragPipe software with the MSFragger search engine, utilizing a database of *Spirulina* sp. or *E. coli* proteome along with sequences provided by the researcher. An average of 124 proteins were identified in the mass spectrometry runs of the native samples, and 1,055 in the recombinant samples.

The total identified proteins are presented in tables and sequences. All information is available at the following [Dropbox link](#).

Please also find the report [here](#).

European Union

Mixed Competence

European Union Vote

The European Union and its Member States (EUMS) would like to thank Belgium for chairing the electronic Working Group and Iran for co-chairing and preparing the discussion paper CX/FA 24/55/9.

The EUMS would like to submit the following comments:

- The EUMS support the changes to the INS list as presented in the Annex to CX/FA 24/55/9 including the footnote clarifying the exact name and synonym of INS 183.
- The EUMS are in favour of the deletion of 2-phenylphenol [JECFA number: 735] in the list of flavourings (Table 2) in the list of codex specifications for food additives (CXA 6-2023).

This substance is not listed in the EU list of flavouring substances.

- The EUMS support adding the point on deletion of azocarbonamide (INS 927a) in a future mandate of the EWG on INS to investigate whether it still needs to remain included in the INS (CXG 36-1989) because of national authorisation(s). Azodicarbonamide is not authorised as a food additive in the EU.

Philippines

Position:

The Philippines supports the proposed changes by the EWG, chaired by Belgium and co-chaired by Iran, to CXG 36-1989, as reflected in the Annex of CX/FA 25/55/9. This includes the addition and deletion of food additives in

Sections 3 and 4, as well as the inclusion of an explanation in the explanatory notes to ensure consistency and clarity.

Reason:

The deletion of Ortho-phenylphenol (INS 231) and Sodium Ortho-phenylphenol (INS 232) from the International Numbering System (INS) is necessary, as these additives have already been removed from both the General Standard for Food Additives (GSFA) and the Joint FAO/WHO Expert Committee on Food Additives (JECFA) Priority List, unless national authorizations from Codex Members are presented. Furthermore, use of these additives is not evident in the Philippines for their identified functional and technological purpose and is not reflected in the country's existing food additive regulations.

The re-evaluation of Oxidized Polyethylene Wax (E 914) by the European Food Safety Authority (EFSA), as published in EFSA Journal 2015;13(7):4145, confirmed that this additive poses no safety concerns at the maximum reported use level for its currently authorized applications. In the European Union (EU), it is permitted under quantum satis exclusively for the surface treatment of fruits.

The addition of "Jagua Blue" as a synonym for Jagua (genipin-glycine) blue provides a simple alternative while maintaining the use of the full name. In relation to this, the inclusion of an explanation in the explanatory notes of CXG 36-1989, stating that "a footnote can be used to clarify the use of parentheses," addresses concerns about inconsistencies with the existing INS and the potential for similar cases in the future.

References:

EFSA Panel on Food Additives and Nutrient Sources added to Food (ANS). (2015). *Scientific opinion on the re-evaluation of oxidised polyethylene wax (E 914) as a food additive*. EFSA Journal, 13(12), 4145. <https://doi.org/10.2903/j.efsa.2015.4145>