



JOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON FOOD ADDITIVES
Fifty-second Session

PROPOSED DRAFT SPECIFICATIONS FOR THE IDENTITY AND PURITY OF FOOD ADDITIVES ARISING FROM THE 91ST JECFA MEETING

Codex members and Observers wishing to submit comments at Step 3 on the proposed draft Specifications for the Identity and Purity of Food Additives arising from the 91st JECFA Meeting (Annex 1) should do so as instructed in CL 2021/57-FA available on the Codex webpage/Circular Letters 2021: <http://www.codexalimentarius.org/circular-letters/en/>.

BACKGROUND

1. New specifications for food additives were prepared at the 91st JECFA (JECFA91) meeting (virtual, 1-12 February 2021).
2. Full specifications for 1 food additive were revised: (Framework for) Steviol Glycosides.
3. JECFA91 had been requested to evaluate the different forms and ways of production for steviol glycosides and has recommended that all steviol glycosides be included in a modular monograph titled "(Framework for) Steviol Glycosides". This modular monograph or framework was adopted for developing specifications for steviol glycosides by four different methods of production and superseded specifications prepared at the 87th JECFA (2019) and published in FAO JECFA Monograph 23 (2019). Specifications for steviol glycosides produced by different production methods were included as annexes, as follows:
 - Annex 1: Steviol Glycosides from *Stevia rebaudiana* Bertoni (revised from the specifications monograph for Steviol glycosides from *Stevia rebaudiana* Bertoni (INS 960a) prepared at the 84th JECFA)
 - Annex 2: Steviol Glycosides from Fermentation (revised from the specifications for Rebaudioside A from multiple gene donors expressed in *Yarrowia lipolytica* (INS 960b(i)) prepared at the 82nd JECFA to include other steviol glycosides from *Saccharomyces cerevisiae*)
 - Annex 3: Enzyme Modified Steviol Glycosides (new specifications)
 - Annex 4: Enzyme Modified Glucosylated Steviol Glycosides (new specifications)
4. JECFA91 recognized that steviol glycosides could be produced via a new method or the modification or combination of the methods currently described in the annexes of the specifications monograph. If the final product meets the current specification of $\geq 95\%$ steviol glycosides, JECFA will evaluate possible impurities from the method of manufacture. When appropriate, the modifications will be introduced into the relevant annex; alternatively, a new annex would be added.
5. The full specifications to be discussed and considered by CCFA52 for adoption are listed in Annex 1.
6. The specification monographs is available (in English only) on the JECFA Online Edition of: "Combined Compendium of Food Additive Specifications" www.fao.org/food/food-safety-quality/scientific-advice/jecfa/jecfa-additives/en/ as FAO JECFA Monographs 26, FAO, Rome, 2021. The publication is further available to download as pdf-document at the FAO JECFA website at: <http://www.fao.org/food-safety/resources/publications/en/>.

RECOMMENDATIONS

7. CCFA52 is requested to review the specifications designated as "Full" for the food additives listed in Annex 1 with a view to recommending their adoption by CAC44 as Codex Specifications, taking into account comments received.

Annex 1

PROPOSED DRAFT SPECIFICATIONS RESULTING FROM THE 91st JECFA MEETING
(at Step 3)

FOOD ADDITIVES SPECIFICATIONS DESIGNATED AS FULL (FAO JECFA Monographs 26, Rome, 2021):¹

Steviol glycosides (R, N)²

¹ (M) existing specifications maintained; (N) new specifications; (R) revised specifications; (T) tentative specifications.

² Specifications for steviol glycosides produced by different production methods were included as annexes, as follows:

- Annex 1: Steviol Glycosides from *Stevia rebaudiana* Bertoni (**revised** from the specifications monograph for Steviol glycosides from *Stevia rebaudiana* Bertoni (INS 960a) prepared at the 84th JECFA)
- Annex 2: Steviol Glycosides from Fermentation (**revised** from the specifications for Rebaudioside A from multiple gene donors expressed in *Yarrowia lipolytica* (INS 960b(i)) prepared at the 82nd JECFA to include other steviol glycosides from *Saccharomyces cerevisiae*)
- Annex 3: Enzyme Modified Steviol Glycosides (**new** specifications)
- Annex 4: Enzyme Modified Glucosylated Steviol Glycosides (**new** specifications)