



**Food and Agriculture
Organization
of the United Nations**



**World Health
Organization**

**JOINT FAO/WHO EXPERT COMMITTEE ON FOOD ADDITIVES
Eighty third meeting**

Food Contaminants
Rome, 8 to 17 November 2016
Published 15 January 2016

**LIST OF SUBSTANCES SCHEDULED FOR EVALUATION
AND REQUEST FOR DATA**

Attached is the list of substances (Annex 1) scheduled for evaluation or re-evaluation at the eighty third meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA). This list has been prepared by the Joint FAO/WHO Secretariat of the Committee and is based on recommendations of Codex Committee on Contaminants in Foods (CCCF), previous Expert Committees, and direct requests from governments, or other interested organizations.

Submission of data

Governments, interested organizations and individuals are invited to submit data for the toxicological evaluation and for estimating the exposure to the contaminants that are listed in annex 1. The submitted data may be published or unpublished and should contain detailed reports of laboratory studies, including individual animal data, epidemiological evidence of human exposures and associated health endpoints, or examination of the occurrence of chemicals in the food system. Reference to relevant published studies should also be provided, where applicable. Summaries in the form of monographs are helpful, but they are not in themselves sufficient for evaluation.

Unpublished confidential studies that are submitted will be safeguarded and will be used only for evaluation purposes by JECFA. Summaries of the studies will be published by FAO and WHO after the meetings in the form JECFA monographs.

The secretariats of JECFA at FAO and WHO encourage submission of data in electronic format. Such data should be presented preferably using standard word processing or document formats, and need to include a "Table of contents" using fully descriptive file names. FAO and WHO have only limited storage capacity, and the submitted data will be kept on file for 5 years.

Submissions of recent regulatory reviews or comprehensive literature reviews with supporting publications are particularly encouraged.

Date for submission

The submission of data on the contaminants listed in Annex 1 is requested before

15th April 2016

This deadline applies to all data.

Toxicological data

Data relevant to the toxicological evaluations of the contaminants on the agenda including the results of:

1. metabolism and pharmacokinetic studies;
2. short-term toxicity, long-term toxicity/carcinogenicity, reproductive toxicity, and developmental toxicity studies in animals and genotoxicity studies;
3. epidemiological studies; and
4. special studies designed to investigate specific effects, such as the mechanism of toxicity (including interactions among related contaminants, in particular as mentioned in annex 1), immune responses, or macromolecular binding

should be sent to:

Attention: Dr Angelika Tritscher
Department of Food Safety and Zoonoses
World Health Organization
Avenue Appia
1211 Geneva 27
Switzerland
Facsimile: +41 (0) 22 791 4807
Telephone: +41 (0)22 791 3569
E-mail: jecfa@who.int

Additional copies of the data might be needed and the JECFA Secretariat will inform the data provider on where to send additional copies in due course.

Occurrence data

Data relevant to the occurrence, and quantification of contaminants listed in annex 1 including:

1. levels and patterns of occurrence (and in some cases co-occurrence, see annex 1) of the listed contaminants in raw commodities and finished food products
2. levels of the listed contaminants in animal feed
3. information on carry-over of contaminants from feed to animals for human consumption
4. effects of processing on levels of contaminants in food as consumed and in feed
5. analytical techniques used by investigators or authorities for identifying and quantifying the listed contaminants in foodstuffs and/or human and animal tissues;
6. sampling protocols for the listed contaminants
7. methods available for the prevention and control of the listed contaminants

should be sent to:

Attention: Dr Markus Lipp
Food Safety and Quality Unit - Room C- 278
Agriculture and Consumer Protection Department (AG)
Food and Agriculture Organization of the United Nations
Via delle Terme di Caracalla
00153 Rome
Italy
Facsimile: +39 06 5705 4593
Telephone: +39 06 5705 3283
E-mail: jecfa@fao.org

Additional copies of the data might be needed and the JECFA Secretariat will inform the data provider on where to send additional copies in due course.

Please note

Data on occurrence of the listed contaminants in food should be submitted to the GEMS/Food on-line database (<https://extranet.who.int/gemsfood/>).

For more information please refer to the GEMS/Food Electronic Reporting Manual available at the WHO Website –
http://www.who.int/foodsafety/chem/instructions_GEMSFood_january_2012.pdf

Intake assessment data

All data relevant to:

1. levels and patterns of human exposure from all relevant sources of the listed contaminants;
2. food consumption patterns; also considering different (age-)population groups
3. biomarkers of exposure

should be sent to FAO at the address above (jecfa@fao.org) and to WHO under the address above (jecfa@who.int). Additional copies should be sent to the experts assigned for the exposure assessment; please contact the FAO or WHO Secretariat for information on where to send the copies.

Presentation of data

Please note that the above lists are not meant to be all-inclusive since it is recognized that other studies may, in some instances, assist in the evaluation.

Procedures for the evaluation of chemicals in food were updated and published by FAO and WHO (Methods and *Principles for the Safety Assessment of Food Additives and Contaminants in Food* – Environmental Health Criteria No. 240, available at <http://www.who.int/foodsafety/publications/chemical-food/en/>

Specific procedural guidelines for food additives are also available from FAO and WHO (see <http://www.fao.org/food/food-safety-quality/scientific-advice/jecfa/guidelines0/en/> and <http://www.who.int/foodsafety/chem/jecfa/guidelines/en/index.html>).

All relevant data, both positive and negative, should be submitted. Data should be presented, summarized and referenced in a clear and concise manner.

This call for data is available at both the FAO and WHO web sites:

<http://www.fao.org/food/food-safety-quality/scientific-advice/calls-data-experts/en/>

<http://www.who.int/foodsafety/call-data-expert/en/>

Annex 1**Joint FAO/WHO Expert Committee on Food Additives (JECFA)
Eighty third meeting, Rome, 8 to 17 November 2016****List of substances scheduled for evaluation or re-evaluation**

General information: Links to the available electronic versions of the reports published in the WHO Technical Report Series, monographs published in the WHO Food Additives Series, and specifications that are referenced below are available at the JECFA web-pages of FAO and WHO. FAO and WHO procedural guidelines and guidelines for the preparation of chemical and technical assessments (CTA), toxicological working papers and guidelines for the preparation of working papers on food additives, intake, and flavouring agents are available at <http://www.fao.org/food/food-safety-quality/scientific-advice/jecfa/en/> and http://www.who.int/foodsafety/areas_work/chemical-risks/jecfa/en/).

Previous JECFA reports and monographs should be consulted to obtain background information on the previous evaluations

| Contaminant | Question(s) to be answered, reference, and background | Information required |
|--------------------|---|---|
| Aflatoxins | <ol style="list-style-type: none"> 1. Update the risk assessment 2. Impact assessment of different MLs in RTE peanuts, effect on exposure and health, and assessment of violation rates with these different MLs <p>Report of the 9th session of CCCF, REP 15/CF – Appendix IX¹</p> <p>68th report of the Joint FAO/WHO Expert Committee on Food Additives²</p> | All information related to toxicology, occurrence and intake assessment (as detailed in pages 2-3 of this call), including toxicological studies investigating interactions among aflatoxins and fumonisins, and data on their co-occurrence in food commodities. |
| Diacetoxyscirpenol | <p>Safety assessment</p> <p>Report of the 9th session of CCCF, REP 15/CF – Appendix IX¹</p> | All information related to toxicology, occurrence and intake assessment (as detailed in pages 2-3 of this call). |
| Fumonisin | <p>Update exposure assessment</p> <p>Report of the 9th session of CCCF, REP 15/CF – Appendix IX¹</p> <p>74th report of the Joint FAO/WHO Expert Committee on Food Additives³</p> | All information related occurrence and intake assessment (as detailed in pages 2-3 of this call), including studies investigating interactions among aflatoxins and fumonisins, and data on their co-occurrence in food commodities |
| Glycidyl ester | <p>Full evaluation (toxicological assessment and exposure assessment)</p> | All information related to toxicology, occurrence and intake assessment (as detailed in pages 2-3 of this call). |

| | | |
|------------------|---|--|
| | Bioavailability of free compounds Report of the 9 th session of CCCF, REP 15/CF – Appendix IX ¹ | |
| 3-MCPD esters | Full evaluation (toxicological assessment and exposure assessment) Report of the 9 th session of CCCF, REP 15/CF – Appendix IX ¹ | All information related to toxicology, occurrence and intake assessment (as detailed in pages 2-3 of this call). |
| Sterigmatocystin | Safety assessment Report of the 9 th session of CCCF, REP 15/CF – Appendix IX ¹ | All information related to toxicology, occurrence and intake assessment (as detailed in pages 2-3 of this call). |

References

1. Report of the 9th Session of the Codex Committee on Contaminants in Food, New Delhi, India, 16-20 March 2015 (REP 15/CF – Appendix IX)
http://www.codexalimentarius.org/download/report/923/REP15_CFe.pdf
2. Evaluation of certain food additives and contaminants (68th report of the Joint FAO/WHO Expert Committee on Food Additives). WHO Technical Report Series, No. 947, 2007
http://apps.who.int/iris/bitstream/10665/43870/1/9789241209472_eng.pdf
3. Evaluation of certain food additives and contaminants (74th report of the Joint FAO/WHO Expert Committee on Food Additives). WHO Technical Report Series, 966, 2011
http://apps.who.int/iris/bitstream/10665/44788/1/WHO_TRS_966_eng.pdf

Annex 2

JOINT FAO/WHO EXPERT COMMITTEE ON FOOD ADDITIVES

BACKGROUND

The Joint FAO/WHO Expert Committee on Food Additives (JECFA) was established in the mid-1950s by the Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO) to assess chemical additives in food on an international basis. The first meeting was held in 1956 in response to recommendations made at an FAO/WHO Conference on Food Additives that met in Geneva in 1955.

In the early 1960s the Codex Alimentarius Commission (CAC), which is an international intergovernmental body, was established. The primary aims of the CAC are to protect the health of the consumer and facilitate international trade in food. At the time that the CAC was formed it was decided that JECFA would provide expert advice to Codex on matters relating to food additives. A system was established whereby the Codex Committee on Food Additives, a general subject committee, identified food additives that should receive priority attention, which were then referred to JECFA for assessment before being considered for inclusion in Codex Food Standards.

This system is still in place, but it has been expanded to include food contaminants and residues of veterinary drugs in food to provide advice to the presently-existing Codex Committee on Food Additives (CCFA), Codex Committee on Contaminants in Food (CCCF) and Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF). JECFA also provides scientific advice directly to FAO and WHO Member States, and requests for assessment may come directly from them. JECFA is not a component of the CAC.

Specialists invited to serve as Members of JECFA are independent scientists who serve in their individual capacities as experts, and not as representatives of their governments or employers. The goal is to establish safe levels of intake and to develop specifications for identity and purity (food additives) or maximum residue limits when veterinary drugs are used in accordance with good practice in the use of veterinary drugs.

Through mid-2015, a total of eighty meetings of JECFA have been held. The reports are published in the WHO Technical Report Series (<http://www.who.int/foodsafety/publications/jecfa-reports/en/>). The toxicological evaluations that summarize the data that serve as the basis for the safety assessments, are published in the WHO Food Additives Series <http://www.who.int/foodsafety/publications/monographs/en/>. The specifications and veterinary drug residue evaluations are published in the FAO JECFA Monographs. The Combined Compendium of Food Additive Specifications of all current JECFA specifications is available on-line <http://www.fao.org/food/food-safety-quality/scientific-advice/jecfa/jecfa-additives/en/>. The updated database on specifications for flavouring agents is available at <http://www.fao.org/food/food-safety-quality/scientific-advice/jecfa/jecfa-flav/en/>.

A *Summary of Evaluations* performed by the Joint FAO/WHO Expert Committee on Food Additives, a comprehensive searchable database that summarizes all JECFA evaluations from the first through recent meetings, is available at <http://apps.who.int/food-additives-contaminants-jecfa-database/search.aspx>