

**Appendix VIII****PRIORITY LIST OF CONTAMINANTS FOR EVALUATION BY JECFA**

<b>Contaminants</b>	<b>Background and question(s) to be answered</b>	<b>Data availability (when, what)</b>	<b>Proposed by</b>
Dioxins and dioxin-like PCBs	Full evaluation (toxicological assessment and exposure assessment) to update 2001 JECFA assessment and incorporate data on developmental effects from in utero exposures.	<p><u>EFSA</u> assessment available September 2018</p> <p><u>Brazil</u>: Occurrence data on milk, raw eggs, fish, and fat (poultry and mammals)</p> <p><u>Canada</u>: Occurrence data on foods of animal origin</p>	Canada
Arsenic (inorganic and organic)	<p>Inorganic: 2011 JECFA evaluation based on cancer effects. This evaluation would focus on non-cancer effects (neurodevelopmental, immunological and cardiovascular) and could inform future risk management needs.</p> <p><u>NOTE</u>: needs to be put in context to cancer risk assessment.</p> <p>Organic: (exploratory)</p>	<p><u>Australia/New Zealand</u>: Total diet study; inorganic arsenic occurrence data in rice</p> <p><u>Brazil</u>: Occurrence data on total arsenic in rice, poultry, pork, fish, and cattle meat, inorganic arsenic occurrence data in rice</p> <p><u>Canada</u>: <u>Occurrence data on inorganic and total arsenic in a variety of commercial foods.</u></p> <p><u>EU</u>: Inorganic arsenic occurrence data</p> <p><u>India</u>: Occurrence data in rice</p> <p><u>Japan and China</u>: Occurrence data on rice and rice products</p> <p><u>Turkey</u>: Occurrence data in rice</p> <p><u>USA</u>: Occurrence data on rice cereals, and rice and non-rice products; 2016 risk assessment; 2016 draft action level for inorganic arsenic in rice cereal.</p> <p>USA: Studies</p> <ul style="list-style-type: none"> <li>• Pilot neurodevelopmental study of inorganic arsenic impacts on rat behavior (2019); follow-up study expected in 2020</li> <li>• Toxicokinetic studies on metabolism and disposition of inorganic and organic arsenic and metabolites in mice (various life stages) (2018-19)</li> <li>• Developmental toxicity test in <i>C. elegans</i> on inorganic arsenic (2018) and ongoing study on organic arsenic.</li> <li>• Non-governmental report, Effects of Inorganic Arsenic in Infant Rice Cereal on Children's Neurodevelopment (2017)</li> </ul>	USA

Contaminants	Background and question(s) to be answered	Data availability (when, what)	Proposed by
Scopoletin	Full evaluation (toxicological assessment and exposure assessment) in fermented noni juice	CCNASWP still working on standard for noni juice and data availability.  <u>CCNASWP15 agreed<sup>1</sup> to request CCCF to retain scopoletin on the priority list and to call upon Codex members to generate and submit data to support the conduct of the safety evaluation by JECFA.</u>  <u>CCNASWP15 also requested FAO and WHO to organize a new call for data for the safety evaluation of scopoletin. FAO reminded that a full dataset including exposure and toxicity is required.</u>  <u>A consultant was hired by the Codex Secretariat to undertake a toxicological review of scopoletin as presented in the Annex to CX/CF 21/14/2-Add.1.</u>	CCNASWP
Ergot alkaloids <sup>1</sup>	Full evaluation (toxicological assessment and exposure assessment)	EFSA (2012) report  EU: occurrence data; assessment on exposures to ergot alkaloids (EFSA report published in May 2017)  Canada: occurrence data (commodity specific and unprocessed cereal grains), and data on processing factors through production chain  NZ: occurrence data on cereals (1 year of data)  Japan: occurrence data in wheat, barley, and wheat products	EU; Canada
Trichothecenes (T2 and HT2)	Update of risk assessment, including exposure assessment (T2, HT2, DAS)	Brazil: occurrence data in cereals  Canada: occurrence data (commodity specific and unprocessed cereal grains)  EU: Report by EFSA on dietary exposure, including an HBGV; occurrence data.  Japan: occurrence data in raw cereals	JECFA83 (2016), recommendation supported by CCCF11 (2017).  <u>JECFA90 (2020)</u>  <u>Completion of risk assessment including toxicological evaluation following JECFA90 exposure assessment</u>

<sup>1</sup>Ergot is mentioned in quality chapter, suggestion for integration into GSCTFF.