

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

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Agenda Item 8

CRD12

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**ORIGINAL LANGUAGE**

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME CODEX COMMITTEE ON PESTICIDE RESIDUES

51<sup>st</sup> Session

Macao SAR, P.R. China, 8-13 April 2019

DISCUSSION PAPER

ON THE OPPORTUNITY TO REVISE THE

***GUIDELINES ON THE USE OF MASS SPECTROMETRY FOR THE IDENTIFICATION, CONFIRMATION  
AND QUANTITATIVE DETERMINATION OF PESTICIDE RESIDUES (CXG 56-2005)***

Comments submitted by European Union and Kenya

### European Union

#### *European Union Competence European Union Vote*

The European Union (EU) would like to thank the Electronic Working Group (eWG) on the use of Mass Spectrometry (MS) for the identification, confirmation and quantitative determination of residues chaired by Iran and co-chaired by Costa Rica for the preparation of the discussion paper with reference CX/PR 19/51/13.

The EU agrees to harmonise CXG 56-2005 with document "CXG 90-2017 – Guidelines on performance criteria for methods of analysis for the determination of pesticide residues in food and feed". To enhance efficiency, the EU suggests considering to merge the two documents. This could be done by a revision of document CXG 90-2017 taking on-board the provisions of CXG 56-2005. This would render CXG 56-2005 obsolete.

The EU notes that in order for the document to better reflect the evolution in analytical techniques, the term "confirmation" could be replaced by the term "identification". Today, screening of analytes with element-specific detectors and confirmation by MS-techniques has evolved towards screening techniques (e.g. Time of Flight (ToF) mass spectrometry), which deliver sufficient identification evidence. Subsequent follow-up analyses provide quantification.

### Kenya

**Comment:** Kenya appreciates the EWG for this paper and support the proposal for the revision of the Guidelines on the Use Mass Spectrometry for the Identification, Confirmation and Quantitative Determination of Pesticide Residues (CXG 56-2005). Kenya awaits the first draft of the revised Guideline that will be submitted to CCPR52 for consideration