

EURACHEM/CITAC Online Workshop

Production of qualitative Reference Materials

Date: 19 September 2024 12:00 – 16:00 CEST

Aim: Inform on and discuss the new ISO guidance on the production of qualitative reference materials, including how to report the traceability and uncertainty of qualitative property values. Participants will also be introduced to the information on the evaluation and reporting of uncertainties for qualitative results published in the new EURACHEM/CITAC Guide. Several reference material producers will share their experiences with the production of qualitative reference materials and discuss those in relation to the guidance presented in the new ISO 33406.

Program

12h00 - 12h10* Opening and welcome (Angelique Botha)

Session 1. Chair: Hendrik Emons

12h10 – 12h20 Introduction to EURACHEM and QAWG (Eugenia Totu)

12h20 – 12h30 Introduction to CITAC (Zoltan Mester)

12h30 – 12h40 Introduction to ISO/TC 334 - *Reference Materials* (Angelique Botha)

12h40 – 13h10 Guidance for the production of RMs with qualitative properties – An introduction to ISO 33406 (Stefanie Trapmann, EC-JRC)

13h10 – 13h40 Overview of the EURACHEM/CITAC Guide on uncertainty of qualitative analysis (Ricardo Bettencourt da Silva, Chair: EURACHEM QAWG)

13h40 – 14h00 Q&A (Moderator: Hendrik Emons)

14h00 - 14h15 Break

Session 2. Chair: Marina Patriarca

14h15 – 14h45 Production of a meat species reference material (Steve Ellison, LGC)

14h45 – 15h15 Metrological challenges posed by reference materials delivering values of biological species for salmon and for the maidenhair tree (Antonio Possolo, NIST)

15h15 – 15h45 CRMs for testing of the presence/absence of *Staphylococcus aureus* enterotoxin A (SEA) in cheese: IRMM-359a-c (Reinhard Zeleny, EC-JRC)

15h45 – 16h00 Q&A (Moderator: Marina Patriarca)

16h00 CLOSE

* All times in CEST