



Quality assurance in food microbiology – firsthand expertise

Workshop participants learn how to validate and verify quantitative test methods according to ISO 16140 and how to evaluate measurement uncertainty according to ISO 19036. In this way, participants acquire indispensable skills for meeting the requirements of the new ISO/IEC 17025:2017.

The ISO 16140 series provides modern designs and evaluation approaches to validation and verification, which take into account the unique challenges of microbiological testing. The ISO 19036 standard for the determination of measurement uncertainty is closely related to ISO 16140.

As ISO standards, these modern standards are of global relevance. Especially in Europe they will quickly find their way into practice.

The workshop combines theory and practice and discusses real examples. The speakers will provide key insights to help plan, implement and evaluate studies and interpret results.

Target audience

The workshop is intended for managers and staff of private and public testing laboratories in food microbiology, as well as of research institutions using quantitative microbiological testing methods such as

- classical methods (e.g. plating methods)
- immunological methods (e.g. ELISA)
- molecular biological methods (e.g. PCR, LAMP)

The workshop is also relevant for interested scientists from the fields of environmental and agricultural sciences.

Program

Main Topics

Day 1 In-house validation of quantitative microbiological test methods Tuesday 20 October, 9 am – 5 pm

- Relevant performance characteristics: Calculation, interpretation and assessment
- Validation with/without reference method
- Examples and exercises

Day 2 Verification of quantitative microbiological test methods Wednesday 21 October, 9 – 12 am

- Relevant performance characteristics: Calculation, interpretation and assessment
- Examples and exercises

Evaluation of the measurement uncertainty of quantitative microbiological test results Wednesday 21 October, 1– 5 pm

- Basics, definitions
- ISO 19036 approach for the evaluation of measurement uncertainty
- Examples and exercises

Registration is open until 22 September 2020. A PC will be made available for each participant for the exercises. Alternatively, participants are free to bring their own laptop.

Please note

* QuoData Workshop '20

Quality Assurance in Food Microbiology

In-house validation, verification and evaluation of measurement uncertainty for quantitative microbiological test methods

Workshop for testing laboratories in the field of food microbiology

Relevant standards: ISO 16140 series & ISO 19036

20–21 Oct. 2020 in Dresden

Workshop Language _English
Dates _October 20–21 2020

Location _QuoData GmbH
Prellerstraße 14
01309 Dresden

Registration _to register, use our online form available at:
<https://quodata.de/registration.php>

Contact Wanda Wälisch: wanda.waelisch@quodata.de
Tel.: +49 – (0)3 51 – 40 28 86 7 42

Participation Fee:

The participation fee for the workshop is 1100 €. Fees do not include VAT. If the seminar is cancelled by QuoData GmbH, paid fees will be fully refunded.

Further claims for compensation against QuoData GmbH are excluded. We reserve the right to cancel or reschedule the workshop due to a lack of demand. By submitting your data through our online form you make a binding registration. Fees associated with the participation will be invoiced accordingly.

For Overnight Accomodation, we recommend:

Hotel Am Blauen Wunder (Near QuoData)
Loschwitzer Straße 48, 01309 Dresden

Tel.: +49 – (0)3 51 – 33 66 0
Fax: +49– (0)3 51 – 33 66 299

Discounts are available for room bookings. Contact us for details.

Getting to the venue from Dresden international airport, take the S2 train (direction Pirna/Heidenau/Schöna) to Bahnhof Neustadt. Once at Bahnhof Neustadt, take tram line 6 (Niedersedlitz) up to the stop Prellerstraße. Exit and follow the street to the next street crossing and turn left onto Prellerstraße. After 100 m, you will find our headquarters at Prellerstraße 14.

From Hauptbahnhof Dresden (Dresden main station): From outside the train station, take the tram line 10 till the final destination. The train will continue as line 12 in the direction of Leutewitz. Continue to the stop Prellerstraße. Exit the tram at the Prellerstraße stop, and turn left onto Prellerstraße. After 100m, you will find our headquarters at Prellerstraße 14.