



Introduction to method validation

Find out how to make sure your methods are fit for purpose

Free online training

24 March 2026



Introduction to method validation

Method validation is the process that provides evidence that a test method is capable of producing results that are suitable for a particular application. Validation is essential to ensure reliable results and informed decision making, based on measurement data. Without appropriately validated methods, the ability to compare results produced by different laboratories or monitor results over time is severely limited.

Join us on this **free 1-day online course** to learn about the key steps in ensuring that measurement methods are fit for purpose.

The course will give an overview of the method validation process and introduce the key method performance characteristics that form part of a validation study.

Online course via
MS Teams

Registration
information overleaf



BIOFILM ALLIANCE
Regulatory Science Network

Training brought to you
by the Biofilm Alliance

Introduction to Method Validation

Outline programme (2 x 2.5 hr online sessions)

- Definition of validation
- Purpose and principles of method validation
- Why is validation important and when should it be done?
- General procedure for carrying out a validation study
- Assessing fitness for purpose
- Evaluating key method performance characteristics
 - Precision
 - Bias
 - Capability of detection
 - Linearity

Who should attend

This course will be of interest to anyone involved with biofilm analysis and control, who wants to learn more about ensuring their measurement methods are fit for purpose.

About the Biofilm Alliance

The Biofilm Alliance is an Innovate UK-funded network dedicated to bringing biofilms to regulatory attention. Led by four partner organisations - the National Biofilms Innovation Centre, Manchester Metropolitan University, Industrial Microbiological Services Limited, and Swansea University - the Biofilm Alliance unites experts from academia, industry, metrology, regulatory agencies, and standards organisations. Its mission is to bridge the gap between cutting-edge research and effective regulation, fostering collaboration and driving innovation in biofilm mitigation and control technologies. The Biofilm Alliance focuses on four key sectors: industrial processes, water systems, food, and the built environment.

About the training provider

The National Measurement Laboratory (NML), hosted at LGC, delivers underpinning chemical and biological measurement science for the UK and forms part of the UK's National Measurement System (NMS). The NML is the Designated Institute for chemical and biological measurement and supports the work of the Government Chemist, a unique statutory function that provides expert opinion and advice to government. The NML has over 25 years' experience of developing and delivering training to support laboratories in ensuring the quality of their measurement data.

How to register

- Register for **BOTH** modules using the links or QR codes below. Module 1 starts at 9:30 GMT; Module 2 starts at 13:30 GMT.

- [Click here](#) or  for Module 1 [Click here](#) or  for Module 2

Contact training@lgcgroup.com if you have any questions about the course.



BIOFILM ALLIANCE
Regulatory Science Network