



ANALYTICAL METHOD VALIDATION

This one-day course explains the general principles of method validation and demonstrates some practical techniques that can be applied in the laboratory. Interactive workshops using case studies based on actual chemical analytical methods are used to reinforce these principles.

Course Objectives

The workshop provides participants with the knowledge and skills to:

- describe the process of method validation
- identify factors that are significant for valid analytical measurements
- define the requirements of analytical methods in accordance with international standards
- describe key performance characteristics of analytical methods
- design an analytical method validation study
- calculate and interpret quantitative method performance characteristics data

Course Outline

The topics covered include:

- why method validation is necessary
- overview of the validation process
- key performance characteristics
- validation study design
- using information from interlaboratory validation studies
- verification of standard methods
- using method validation data
- discussion of measurement uncertainty



Past attendees have said...

"Well organised, well prepared and well delivered. Good combination of theory and practical exercises"

"Informal - felt comfortable asking questions no matter how simple"

Course Details

Dates / Venue

Available dates and venues can be found on our [website](#).

Fee / Inclusions

Check the NMI [website](#) for the current pricing which includes lunch, refreshments and learning materials.

Time

The course will start at 9 am and will finish by 5 pm.

Related Courses

Course name	Duration	Dates
Estimating Measurement Uncertainty for Biologists	1-day	See NMI website
Estimating Measurement Uncertainty for Chemists	1-day	See NMI website

In-house Options

Available on a fee-for-service basis subject to trainer availability. This option can be advantageous where an organisation has a number of staff to be trained and prefer to have the training carried out at their premises. Consultancies are useful where an organisation has specific measurement issues that need to be addressed, or where they are seeking training in advanced measurement techniques. More information is available on our [website](#).

Contact Us

Phone (02) 8467 3796, or send an email to training@measurement.gov.au.

For more information about NMI and our services, visit our website at <https://www.industry.gov.au/client-services/training-and-assessment>