

COURSE SUMMARY

ISO 17025 - Method Validation, Verification and MU Calculating for Microbiological Testing

...bridge to a better product

INTRODUCTION

This course is intended to guide how to do method validation cum measurement uncertainty for microbiological analysis.

OBJECTIVES

- 🔥 To introduce participant to the statistics required for interpreting validation data and provides the tools to plan and carry out effective validation studies

LEARNING OUTCOMES

On completion of this course, participants will be able to:

- 🔥 Understand the concept of Method Validation and Measurement Uncertainty
- 🔥 Plan and do method validation based on requirement
- 🔥 Calculate measurement uncertainty for microbiological analysis

TARGET PARTICIPANTS

- 🔥 Laboratory personnel (Executive, analyst, technician, and etc.)
- 🔥 Quality control
- 🔥 Quality Assurance
- 🔥 Anyone who wishes to enhance their knowledge in Method Validation and Measurement Uncertainty for microbiology test

COURSE LEVEL

Basic

COURSE DURATION

1 Day



Method Validation



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Method Validation



COURSE FEE

RM 954 (inclusive 6% GST)

HRDF CLAIMABLE

COURSE CONTENT

- 🍷 Introduction to Method Validation
- 🍷 Performance Characteristics for Method Validation
 - Accuracy
 - Precision
 - Sensitivity and Specificity
 - Selectivity
 - Relative Recovery Rate
 - Determination of Acceptable Counting Range
 - Robustness
- 🍷 Measurement Uncertainty – Requirement
- 🍷 Main Sources of uncertainty in food microbiology
- 🍷 Approaches used & reporting of uncertainty
- 🍷 Exercise



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