

ISO 17034 and ISO Guide 35 for the competent production of reference materials

Course Objectives

The course presents an overview of the requirements of ISO 17034 for the competent production of reference materials. Furthermore, the course goes into more details of the approaches for the assessment of homogeneity and stability as well as the characterisation of the property values of reference materials as provided in ISO Guide 35. Some of the statistical approaches that can be applied are explained and worked through as examples during the course.

Course Content

The course will give an overview of the ISO 17034 standard for the competent production of reference materials and will focus on the following technical aspects:

- Assessment of homogeneity
- Assessment and monitoring of stability
- Characterization and value assignment of the reference material



Course Date

11 – 15 November 2024

Duration

5 days

Cost

R10 500

Who should attend?

Reference material producers and aspirant reference material producers, as well as laboratory analysts who are interested in preparing their own quality control materials in accordance with ISO 17034 and ISO Guide 35.

Course Information

NMISA's courses are developed and presented by experts in the field. At the end of this course, participants will have a good understanding of the requirements of ISO 17034 for the competent production of reference materials. Participants will also get practical advice on the statistical approaches that could be used for the assessment of the homogeneity and stability of reference materials, as well as the characterisation of reference materials.

