



Dutch
Metrology
Institute

Facts Sheet Interlaboratory Comparison

ILC-TH-LIQ-02



Calibration of a liquid in glass thermometer, range 0 °C; +200 °C

Contact details:

VSL

Visiting Address:

Thijsseweg 11

2629 JA Delft

The Netherlands

Mail Address:

P.O. box 654

2600 AR Delft

The Netherlands

Coördinator:

Peter van Otterloo

+31 15 269 1500

ComPass@vsl.nl

Information about the artifact to be circulated:

Liquid in glass thermometer (Amarell, -5; +200 °C, resolution/scale division 0.2 °C, total immersion, mercury filled, 550 mm long)

Calibration points:

0, 50, 100, 150, 200

Reference laboratory:

VSL, the Dutch National Metrology institute (traceability of the reference values is guaranteed)

BMC: 0.05 °C (for this model)

Estimate number of participants:

Minimum number of participants : 3

Maximum number of participants : 10

Measurements protocol:

Will be provided with the artifact, participants have 8 working days to perform the calibration

Fee:

€ 995.00 ex. VAT & transport @ less than 6 participants

€ 595.00 ex. VAT & transport @ more than 5 participants

Evaluation:

Evaluation by E_n value.

All participants will receive a report and certificate of the interlaboratory comparison within four weeks after ending the comparison cycle.

Accreditation:

The organisation of this Interlaboratory Comparison is in accordance with the requirements of the ISO/IEC-17043.

Confidential statement:

"VSL keeps all data regarding the performance of individual participants, or groups of participants, strictly confidential. Data is accordingly protected and stored in areas on networks with restricted access. The relationship between results and the laboratories that submitted them will never be disclosed. Only the laboratory is granted access to its performance through the assigned code number."

Schedule:

Registration until 21 June 2013

Start of the comparison cycle July 2013

Requirement 5.9 ISO/IEC 17025:

Assuring quality of testing and calibration results: The laboratory will have quality control procedures for monitoring test validity and calibrations undertaken. This monitoring will be planned and validated and may include the following: *participation in interlaboratory comparisons or proficiency-testing programmes.* #