Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Institute of Metrology METAS

Certificate of Calibration No 217-01234

Object	**Beschreibung des Prüflings, eindeutige Identifikation**
Order	Kurze Beschreibung des Auftrags (Wenn aufgrund des Kalibrier-ergegenstandes der Kalibrierumfang klar ist (z. B. Widerstand, Endmass), kann dieser Abschnitt ausnahmsweise weggelassen werden.)
Applicant	**Name und Adresse des Auftraggebers** Firma, [Abteilung], Adresse PLZ Ort
Traceability	The reported measurement values are traceable to national standards and thus to internationally supported realisations of the SI units.
Date of Calibration	dd.mm.yyyy
Marking	Calibration label METAS mm.yyyy

3003 Bern-Wabern, 27 March 2018

For the Measurements	Michael Wollensack
Approved by	Dr Marc-Olivier André, Head of sector Sector Electricity

Mutual recognition

This certificate is consistent with Calibration and Measurement Capabilities (CMCs) that are included in Appendix C of the Mutual Recognition Arrangement (MRA) drawn up by the International Committee for Weights and Measures. Under the MRA, all participating institutes recognize the validity of each other's calibration certificates and measurement reports for the quantities, ranges and measurement uncertainties specified in Appendix C (for details see www.bipm.org).

This document is only valid and reviewable in its electronic form.
Please observe the information given on www.metas.ch/ecert.

METAS
Lindenweg 50, 3003 Bern-Wabern, Switzerland, phone +41 58 387 01 11, www.metas.ch

Extent of the Calibration

bla

Measurement Procedure

bla

Measurement Conditions

bla

Measurement Results

bla

Uncertainty of Measurement

The reported uncertainty of measurement is stated as the combined standard uncertainty multiplied by a coverage factor $k = 2$. The measured value (y) and the associated expanded uncertainty (U) represent the interval ($y \pm U$) which contains the value of the measured quantity with a probability of approximately 95 %. The uncertainty was estimated following the guidelines of the JCGM 100:2008 (GUM).
The measurement uncertainty contains contributions originating from the measurement standard, from the calibration method, from the environmental conditions and from the object being calibrated. The longterm characteristic of the object being calibrated is not included.