

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17025:2005  
 Registration number: **K 145**

of **CYCLERtest B.V. / Celsiuslabs**  
**Afdeling Kalibratie "Celsiuslabs"**

This annex is valid from: **04-09-2019** to **30-11-2020**

Replaces annex dated: **26-04-2017**

**Location(s) where activities are performed under accreditation**

**Head Office**

Rotscherweg 61  
 6374 XW  
 Landgraaf  
 The Netherlands

Location	Abbreviation/ location code
Rotscherweg 61 6374 XW Landgraaf Nederland	LA
On site	OS

HCS code	Measured quantity, Instrument, Measure	Range	CMC <sup>1</sup>	Remarks	Location
TE 0 0	Temperature				
TE 4 0	Self Indicating thermometers				
TE 4 1	Temperature sensors with display unit	(30 – 100) °C	0.025 K	In liquid bath	LA
		(30 – 100) °C	0.05 K	In multi-well dry-block calibrator	LA
		(30 - 95) °C	0.2 K	In single-well dry-block calibrator	LA

This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

<sup>1</sup> Calibration and Measurement Capability (CMC): Demonstrated measurement uncertainty, with coverage probability of 95%, in a given measurement point or measurement range. Measurement uncertainty, *U*, is calculated according to EA-4/02 "Evaluation of the Uncertainty of Measurement in Calibration".

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HCS code	Measured quantity, Instrument, Measure	Range	CMC <sup>1</sup>	Remarks	Location
TE 13 0	Other temperature enclosures	(30 - 95) °C	0.1 K	- (q)PCR cycler * - Thermocycler * - temperature controlled dry-block incubators *	ON

\* Calibrations TE 13.0 on Location Customer are performed by a multi-channel calibration, where the temperature of the thermocycler reaction block is measured simultaneously and dynamically in at least 12.5 % of the wells (or minimum 12 well when reaction block  $\geq$  96 wells) with a measurement interval of maximum 500 ms.

The calibration is performed at least at 3 relevant temperature set points in the range as stated in the scope.

For TE 13.0 the contributions from the device under calibration are excluded from the CMC statement.

The ambient temperature during calibrations in the own laboratory is nominal (23  $\pm$ 5)°C