

of **Cyclertest B.V. Handelend onder Celsiuslabs
 Afdeling Kalibratie**

This annex is valid from: **29-04-2026** to **01-05-2029**

Replaces annex dated: **20-02-2025**

Location(s) where activities are performed under accreditation

Head Office

Rötscherweg 61
 6374 XW
 Landgraaf
 The Netherlands

Location	Abbreviation/ location code
Rötscherweg 61 6374 XW Landgraaf The Netherlands	LAN
On site	OS-LAN

HCS code	Measured quantity, Instrument, Measure	Range	Expanded measurement uncertainty	Remarks	Location
TE 0 0	Temperature				
TE 4 0	Self-Indicating thermometers				
TE 4 1	Temperature sensors with display unit (digital system thermometer or dataloggers)	(30 – 100) °C	0.025 °C	In liquid bath	LAN
		(30 – 100) °C	0.05 °C	In multi-well dry-block calibrator	LAN
		(30 – 95) °C	0.2 °C	In single-well dry-block calibrator	LAN

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

J.A.W.M. de Haas

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **K 145**

of **Cyclertest B.V. Handelend onder Celsiuslabs**
Afdeling Kalibratie

This annex is valid from: **29-04-2026** to **01-05-2029**

Replaces annex dated: **20-02-2025**

HCS code	Measured quantity, Instrument, Measure	Range	Expanded measurement uncertainty	Remarks	Location
TE 13 0	Other temperature enclosures	(30 – 95 100) °C	0.1 °C *	- (q)PCR cyler * conform ISO 20836 - Thermocycler * conform ISO 20836 - temperature controlled dry-block incubators *	OS-LAN

Remarks

Calibration and Measurement Capability (CMC): Demonstrated lowest possible expanded measurement uncertainty available to customers under normal conditions, with coverage probability of 95 %, in a given measurement point or measurement range. Measurement uncertainty, U, is calculated according to EA-4/02 "Expression of the Uncertainty of Measurement in Calibration".

* 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 wells when reaction block \geq 96 wells) with a measurement interval of maximum 500 ms. The calibrations TE 13 0 (q)PCR cyler and thermocycler are performed according to ISO 20836:2021. 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 ± 5 °C