

**Laboratory** Krishna Calibration, 0/41/3, Sarkhej, Ahmedabad, Gujarat  
**Accreditation Standard** ISO/IEC 17025:2005  
**Discipline** Thermal Calibration **Issue Date** 20.10.2014  
**Certificate Number** C-1148 **Valid Until** 19.10.2016  
**Last Amended on** - **Page** 1 of 2

Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability ( $\pm$ )	Remarks
<b>I. TEMPERATURE</b>			
1. TEMPERATURE SENSOR WITH & WITHOUT INDICATOR, GLASS THERMOMETER#	(-) 80 °C to 0 °C	0.34 °C	Using GE KAYE Bath & Digital Temperature Indicator with RTD Sensor by Comparison Method
2. TEMPERATURE SENSOR WITH & WITHOUT INDICATOR, TEMPERATURE GAUGE, GLASS THERMOMETER#	0 °C to 150 °C	0.29 °C	Using Liquid Bath & Digital Temperature Indicator with Sensor by Comparison Method
3. TEMPERATURE SENSOR WITH & WITHOUT INDICATOR, TEMPERATURE GAUGE, GLASS THERMOMETER#	150 °C to 300 °C	0.68 °C	Using Liquid Bath & Dry Bath & Digital Temperature Indicator with Sensor by Comparison Method
4. TEMPERATURE INDICATOR OF BATH/DRY BLOCK, DEEP FREEZER, REFRIGERATOR, FREEZER#	(-) 40 °C to 400 °C	1.1 °C	Using Temperature Indicator with Sensor by Single Position Calibration

**Bibin Philip**  
 Convenor

**Avijit Das**  
 Program Manager

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<b>II. HUMIDITY</b>			
1. DIGITAL THERMO HYGROMETER, RH TRANSMITTER, HUMIDITY INDICATOR WITH & WITHOUT SENSOR#	20 % RH to 95 % RH	1.8 % RH	Using Humidity Generator, Digital RH & Temperature Indicator
2. MAPPING OF REFRIGERATOR, FREEZER, DEEP FREEZER, INCUBATOR, OVEN, STABILITY CHAMBER*	(-) 20 °C to 50 °C 10 % RH to 95 % RH @ 25 °C	0.4 °C 2.93 % RH	Using 12 Position Data logger

\* Measurement Capability is expressed as an uncertainty ( $\pm$ ) at a confidence probability of 95%

\*Only for Site Calibration

# The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

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