



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name PRISM CALIBRATION CENTRE, GF-101,F/101,101 A,B, TF-85 TO101 RUDRAKSH COMPLEX-II,, AHMEDABAD, --SELECT DISTRICT--, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2480 Page No. : 31 / 60

Validity 26/11/2019 to 25/11/2021 Last Amended on 05/12/2019

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
190	MEDICAL DEVICES-PATIENT CONDITIONING/ MAINTENANCE	Temperature	0 °C to 100 °C	0.75°C to 0.75°C	Using Temperature Sensor,Data Logger & Safety Analyzer ESA615 By Comparison Method
191	MEDICAL DEVICES-PATIENT CONDITIONING/ MAINTENANCE	Temperature	110 °C to 135 °C	0.60°C to 0.60°C	Using Temperature Sensor,Logger & electrical Safety Analyzer By Comparison Method
192	MEDICAL DEVICES-PATIENT CONDITIONING/ MAINTENANCE	Temperature	2 °C to 37 °C	0.3°C to 0.3°C	Using Temperature Sensor With Logger & electrical Safety Analyzer Comparison Method
193	MEDICAL DEVICES-PATIENT CONDITIONING/ MAINTENANCE	Temperature	32 °C to 42 °C	0.3°C to 0.3°C	Using Temperature Sensor with Logger & Electrical Safety Analyzer Comparison Method
194	MEDICAL DEVICES-PATIENT CONDITIONING/ MAINTENANCE	Time Interval	1 Min to 60 Min	0.75Min to 0.75Min	Using Vital Sign Simulator Prosim 4 By Direct Method & Digital Stop Watch By Direct Method
195	THERMAL- SPECIFIC HEAT & HUMIDITY	Environment Chambers/Humidity Chamber/Generator/RH & Temp. Devices (Single Position)	15 °C to 50 °C@ 50% RH	0.42°C to 0.42°C@50% RH	Usind Digital Hygrometer & Portable Data Logger As Per DKD R5-7



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196	THERMAL- SPECIFIC HEAT & HUMIDITY	Environment Chambers/Humidity Chamber/Generator/RH & Temp. Devices (Single Position)	20 % RH to 95 %RH@ 25°C	0.53%RH to 0.53%RH@ 25°C	Using Digital Hygrometer & Portable Data Logger As Per DKD R5-7
197	THERMAL- SPECIFIC HEAT & HUMIDITY	RH Sensor/RH Indicator with Sensor/Thermohygrometer/RH Transmitter/Portable Data Logger	15 °C to 50 °C @ 50% RH	0.40°C to 0.40°C @ 50% RH	Using Humidity Chamber and Digital Hygrometer
198	THERMAL- SPECIFIC HEAT & HUMIDITY	RH Sensor/RH Indicator with Sensor/Thermohygrometer/RH Transmitter/Portable Data Logger	20 % RH to 95 % RH @ 25°C	1.67% RH to 1.67% RH @ 25°C	Using Humidity Chamber & Digital Hygrometer
199	THERMAL- TEMPERATURE	Indicator Of Freezer/Bath,Cold Chamber/Incubator/Water Bath/COD/Autoclave/Environment Chamber (Single Position)	-80 °C to 150 °C	0.26°C to 0.26°C	Using SSPRT/RTD Sensor & Advance Modular Calibrator As Per DKD R5-7
200	THERMAL- TEMPERATURE	Indicator Of Oven/ETO/BOD/Furnace/Environment Chamber (Single Position)	150 °C to 600 °C	0.54°C to 0.54°C	Using SSPRT/Temperature Sensors & Advance Modular Calibrator As Per DKD R5-7.



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201	THERMAL-TEMPERATURE	Indicator Of Oven/Furnace (Single Position)	600 °C to 1200 °C	2.30°C to 2.30°C	Using SSPRT Master R/S Type Thermocouple Sensor & Advance Modular Calibrator As Per DKD-R5-7
202	THERMAL-TEMPERATURE	Infrared Thermometer/Pyrometer/Thermal Imager/IR Sensor With Indicator.	100 °C to 500 °C	2.96°C to 2.96°C	Using Black Body Source & Infrared Thermometer As Per MSL Technical Guide 22 & VDI/VDE 3511 Part 4.3
203	THERMAL-TEMPERATURE	Infrared Thermometer/Pyrometer/Thermal Imager/IR Sensor With Indicator.	50 °C to 100 °C	2.17°C to 2.17°C	Using Black Body Source and Infrared Thermometer By Comparison Method As Per MSL Technical Guide 22 & VDI/VDE 3511 part 4.3
204	THERMAL-TEMPERATURE	Infrared Thermometer/Pyrometer/Thermal Imager/IR Sensor With Indicator.	500 °C to 1200 °C	4.07°C to 4.07°C	Using Black Body Source & Infrared Thermometer By Comparison Method As per MSL Technical Guide 22 & VDI/VDE 3511 Part 4.3
205	THERMAL-TEMPERATURE	Liquid in Glass Thermometer/Wet & Dry Thermometer.	123 °C to 300 °C	0.72°C to 0.72°C	Using SSPRT With Advance Modular Calibrator & Liquid Oil Bath



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206	THERMAL-TEMPERATURE	Liquid in Glass Thermometer/Wet & Dry Thermometer.	-30 °C to 123 °C	0.59°C to 0.59°C	Using Master SSPRT with Advance Modular Calibrator & Liquid Temperature Bath As Per IS-6274
207	THERMAL-TEMPERATURE	Mapping Of DHS/Sterilizer/Oven/Water Bath/ETO/COD/BOD/Autoclave (Multi Position)	200 °C to 600 °C	2.50°C to 2.50°C	Using RTD Sensor & Multi Channel Data Logger & Portable Data Loggers As Per IEC 60068 (Part 3-6),Part 11,DKD R5-7
208	THERMAL-TEMPERATURE	Mapping Of Freezer/Bath/Cold Chamber/Refrigerator/ DHS/Sterilizer/Oven/Water Bath/ETO/COD/BOD/Autoclave (Multi Position)	-80 °C to 200 °C	1.46°C to 1.46°C	Using RTD Sensor & Multi Channel Data Logger & Portable Data Loggers As Per IEC 60068 (Part 3-6),Part 11,DKD R5-7
209	THERMAL-TEMPERATURE	Mapping Of Oven/Muffle Furnace (Multi Position)	600 °C to 1200 °C	3.79°C to 3.79°C	Using Thermocouple Sensors with Multi Channel Data Logger As per IEC 60068(Part-3-6),Part-11 DKD R5-7.



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210	THERMAL-TEMPERATURE	Temperature Sensor RTD/Thermocouple with or Without Indicator/Temperature Calibrator/Bath/Black Body/Thermometer with Sensor/Temperature Gauge/Recorder/Trans mitter with Sensor/Temperature Switch/Digit	123 °C to 300 °C	0.31°C to 0.31°C	Using Master SSPRT,Master R/S type Thermocouple with Advance Modular Calibrator,Digital Multimeter & Dry Block Temperature Bath & Oil Bath. As Per DKD R5- 1.
211	THERMAL-TEMPERATURE	Temperature Sensor RTD/Thermocouple with or Without Indicator/Temperature Calibrator/Bath/Black Body/Thermometer with Sensor/Temperature Gauge/Recorder/Trans mitter with Sensor/Temperature Switch/Digit	300 °C to 600 °C	0.45°C to 0.45 °C	Using Master SSPRT,Master R/S type Thermocouple with Advance Modular Calibrator,Digital Multimeter & Dry Block Temperature Bath & Oil Bath. As Per DKD R5-1 & Euramet Cg-8



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212	THERMAL-TEMPERATURE	Temperature Sensor RTD/Thermocouple with or Without Indicator/Temperature Calibrator/Bath/Black Body/Thermometer with Sensor/Temperature Gauge/Recorder/Transmitter with Sensor/Temperature Switch/Digit	600 °C to 1200 °C	3.64°C to 3.64°C	Using Master SSPRT, Master R/S type Thermocouple with Advance Modular Calibrator, Digital Multimeter & Dry Block Temperature Bath & Oil Bath. As Per DKD R5-1 & Euramet Cg-8
213	THERMAL-TEMPERATURE	Temperature Sensor RTD/Thermocouple with or Without Indicator/Temperature Calibrator/Bath/Black Body/Thermometer with Sensor/Temperature Gauge/Recorder/Transmitter with Sensor/Temperature Switch/Digit	-80 °C to 123 °C	0.17°C to 0.17°C	Using Master SSPRT, Master R/S type Thermocouple with Advance Modular Calibrator, Digital Multimeter & Dry Block Temperature Bath & Oil Bath As Per DKD R5-1.