National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICRO MEASUREMENT & CALIBRATION SYSTEM, HOUSE NO. 51, TYPE-2, SATYAMITRA RAJLAXMI NATURE, GRAM RANGWASA, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Stirrer, VDRL Shaker, Rotary Shaker, RPM Motor, VFD, Blood Mixer Centrifuge (Non-Contact Type)	Using Non Contact Type Digital Tachometer	1000 RPM to 10000 RPM	1.2%
2	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Stirrer, VDRL Shaker, Rotary Shaker, RPM Motor, VFD, Blood Mixer Centrifuge (Non-Contact Type)	Using Non Contact Type Digital Tachometer	10000 RPM to 50000 RPM	1.3%
3	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Stirrer, VDRL Shaker, Rotary Shaker, RPM Motor, VFD, Blood Mixer Centrifuge (Non-Contact Type)	Using Non Contact Type Digital Tachometer	60 RPM to 1000 RPM	4.0%
4	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact)	Using Digital Tachometer with RPM Source	1000 RPM to 10000 RPM	1.2%
5	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact)	Using Digital Tachometer with RPM Source	10000 RPM to 50000 RPM	1.3%
6	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact)	Using Digital Tachometer with RPM Source	60 RPM to 1000 RPM	4.0%

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7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge L.C. 0.001 mm	Using Coating Thickness Foils	up to 600 µm	3.3µm
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge L.C. 0.01 mm	Using Caliper Checker, Slip Gauge '0' Grade	up to 300 mm	12.4µm
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C. 0.001 mm	Using Caliper Checker, Slip Gauge '0' Grade	25 mm to 50 mm	5.0µm
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C. 0.001 mm	Using Caliper Checker, Slip Gauge '0' Grade	50 mm to 100 mm	5.0µm

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11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C. 0.001 mm	Using caliper Checker, Slip Gauge '0' Grade	up to 25 mm	5.0µm
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C. 0.01 mm	Using Slip Gauge '0' Grade	0.5 mm to 25 mm	6.9µm
13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. 0.001 mm	Using Slip Gauge '0' Grade	25 mm to 50 mm	2.2µm
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. 0.001 mm	Using Slip Gauge '0' Grade	Up to 25 mm	2.0µm

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15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Micrometer	Up to 1 mm	2.7µm
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Dial, Digital, Manual) L.C. 0.01 mm	Using Caliper Checker, Slip Gauge '0' Grade	0 to 600 mm	19.0µm
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Slip Gauge Set '0' Grade, Lever Dial Gauge with Magnetic Stand & Surface Plate	25 mm to 50 mm	12.7µm
18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Slip Gauge '0' Grade, Lever Dial Gauge with Magnetic Stand & Surface Plate	50 mm to 100 mm	12.7µm

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19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper L.C. 0.1 mm	Using Slip Gauge '0' Grade	Up to 65 mm	118µm
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge/ Width Gauge	Using Slip Gauge Set, Dial Gauge & Surface Plate, Comparator Stand	4 mm to 25 mm	25.0µm
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge/Width Gauge	Using Slip Gauge Set, Dial Gauge & Surface Plate, Comparator Stand	25 mm to 50 mm	27.5µm
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Slip Gauge '0' Grade	25 mm to 50 mm	4.0µm

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23	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Slip Gauge '0' Grade	4 mm to 25 mm	4.0µm
24	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Spirit Level L.C. 0.01 mm/m	3200 X 3200 mm	10*Sqrt((L+W)/125) µm ,Where L & W in mm
25	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves	Using Digital Caliper	4 mm to 125 mm	31.2µm
26	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Dial, Digital, Manual) L.C. 0.01 mm	Using Caliper Checker, Slip Gauge '0' Grade	Up to 150 mm	12.1µm

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27	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Dial, Digital, Manual) L.C. 0.01 mm	Using Caliper Checker, Slip Gauge '0' Grade	Up to 300 mm	12.5µm
28	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Dial, Digital, Manual) L.C. 0.01 mm	Using Caliper Checker, Slip Gauge '0' Grade	Up to 600 mm	16.1µm
29	MECHANICAL-PRESSURE INDICATING DEVICES	Digital/ Analogue Vacuum Gauges, vacuum Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Pneumatic Pump	Up to -0.90 Bar	0.009Bar
30	MECHANICAL-PRESSURE INDICATING DEVICES	Digital/ Analogue Magnehelic Gauges Differential Pressure Gauges/ Indicator, Low Pressure Gauges/ Indicator/ Transmitter/ Transducer with Indicator	Using Digital Manometer	Up to (-)1000 Pa	4.0Pa

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31	MECHANICAL-PRESSURE INDICATING DEVICES	Digital/ Analogue Magnehelic Gauges Differential Pressure Gauges/ Indicator, Low Pressure Gauges/ Indicator/ Transmitter/ Transducer with Indicator	Using Digital Manometer	Up to 1000 Pa	5.8Pa
32	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic-Pressure Digital/ Analogue Pressure Gauges, Pressure Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Hydraulic Pump	Up to 700 Bar	0.8Bar
33	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic-Pressure Digital/ Analogue Pressure Gauges, Pressure Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Hydraulic Pump	Up to 70 Bar	0.04Bar

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34	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic-Pressure Digital/ Analogue Pressure Gauges, Pressure Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Pneumatic Pump	Up to 7 Bar	0.009Bar
35	THERMAL-SPECIFIC HEAT & HUMIDITY	Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.25°C)	Using Wireless Temperature & RH Data Logger with Minimum 9-Point Multi-Position Calibration	20 %RH to 95 %RH	3.45%RH
36	THERMAL-SPECIFIC HEAT & HUMIDITY	Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.50%RH)	Using Wireless Temperature & RH Data Logger with Minimum 9-Point Multi-Position Calibration	10 °C to 50 °C	2.30°C
37	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer Gauge/ Thermo Hygrometer Sensor with Indicator (@Approx.50%RH)	Using Digital Thermo Hygrometer and Temperature & Humidity Chamber By Comparison Method	10 °C to 50 °C	0.82°C

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38	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer Gauge/ Thermo Hygrometer/ Sensor with Indicator (@Approx.25°C)	Using Digital Thermo Hygrometer and Temperature & Humidity Chamber By Comparison Method	10 %RH to 95 %RH	1.50%RH
39	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator of Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.25°C)	Using Digital Thermo Hygrometer By Comparison Method	20 %RH to 95 %RH	1.50%RH
40	THERMAL-TEMPERATURE	Indicator of Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.50%RH)	Using Digital Thermo Hygrometer By Comparison Method	10 °C to 50 °C	0.82°C
41	THERMAL-TEMPERATURE	Liquid Bath/Muffle Furnace/Dry Block/Cold Room/Autoclave(Non Medical Application Only)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	100 °C to 250 °C	2.40°C

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42	THERMAL-TEMPERATURE	Liquid Bath/Muffle Furnace/Dry Block/Cold Room/Autoclave(Non Medical Application Only)	Using 'N' Type Thermocouple with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	250 °C to 1200 °C	7.28°C
43	THERMAL-TEMPERATURE	Liquid bath/Muffle Furnace/Dry Block/Cold Room/Autoclave(Non Medical Application Only)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	-80 °C to 100 °C	0.86°C
44	THERMAL-TEMPERATURE	Liquid-in Glass Thermometer	Using RTD Sensor (PT-100) 4-wire with Indicator and Liquid Bath; By Comparison Method	-80 °C to 250 °C	0.59°C
45	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using 'S' Type Thermocouple with Indicator and Dry Block Furnace/Dry Bath By Comparison Method	250 °C to 650 °C	1.45°C

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46	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using RTD Sensor (PT-100) 4-wire with Indicator and Liquid Bath; By Comparison Method	50 °C to 250 °C	0.14°C
47	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using 'S' Type Thermocouple with Indicator and Dry Block Furnace/Dry Bath; By Comparison Method	650 °C to 1200 °C	1.90°C
48	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using RTD Sensor (PT-100) 4 wire with Indicator and Liquid Bath By Comparison Method	-80 °C to 50 °C	0.10°C

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49	THERMAL-TEMPERATURE	Temperature Indicator of BOD Incubator (Non Medical Application Only)/Incubator (Non Medical Application Only)/ Liquid Bath/Autoclave(Non Medical Application Only	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	650 °C to 1200 °C	1.80°C
50	THERMAL-TEMPERATURE	Temperature Indicator of BOD Incubator (Non Medical Application Only)/Incubator (Non Medical Application Only)/Liquid Bath/Autoclave(Non Medical Application Only	Using RTD Sensor (PT-100) 4-wire with Temperature Indicator; By Comparison method Single Point Calibration	-80 to 250	0.70

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51	THERMAL-TEMPERATURE	Temperature Indicator of BOD Incubator (Non Medical Application Only)/Incubator (Non Medical Application Only)/Liquid Bath/Autoclave(Non Medical Application Only)	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	250 °C to 650 °C	1.56°C
52	THERMAL-TEMPERATURE	Temperature Indicator of Muffle Furnace/ Oven/ Dry Block/ Ultra Low Deep Freezer/ Deep Freezer/ Refrigerator/ Hot Air Oven	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	650 °C to 1200 °C	1.80°C
53	THERMAL-TEMPERATURE	Temperature Indicator of Muffle Furnace/ Oven/ Dry Block/ Ultra Low Deep Freezer/ Deep Freezer/ Refrigerator/ Hot Air Oven	Using RTD Sensor (PT-100) 4-wire with Temperature Indicator; By Comparison method Single Point Calibration	-80 °C to 250 °C	0.70°C

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54	THERMAL-TEMPERATURE	Temperature Indicator of Muffle Furnace/Oven/Dry Block/Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	250 °C to 650 °C	1.56°C
55	THERMAL-TEMPERATURE	Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven/BOD Incubator (Only for Non-Medical Application)/Incubator (Only for Non Medical Application)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	100 °C to 250 °C	2.40°C
56	THERMAL-TEMPERATURE	Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven/BOD Incubator (Only for Non-Medical Application)/Incubator (Only for Non Medical Application)	Using 'N' Type Thermocouple with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	250 °C to 1200 °C	7.28°C

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57	THERMAL-TEMPERATURE	Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven/BOD Incubator (Only for Non-Medical Application)/Incubator (Only for Non Medical Application)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point; Multi-Position Calibration	-80 °C to 100 °C	0.86°C

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Site Facility					
1	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Stirrer, VDRL Shaker, Rotary Shaker, RPM Motor, VFD, Blood Mixer Centrifuge (Non-Contact Type)	Using Non Contact Type Digital Tachometer	1000 RPM to 10000 RPM	1.2%
2	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Stirrer, VDRL Shaker, Rotary Shaker, RPM Motor, VFD, Blood Mixer Centrifuge (Non-Contact Type)	Using Non Contact Type Digital Tachometer	10000 RPM to 50000 RPM	1.3%
3	MECHANICAL-ACCELERATION AND SPEED	RPM Meter, Stirrer, VDRL Shaker, Rotary Shaker, RPM Motor, VFD, Blood Mixer Centrifuge (Non-Contact Type)	Using Non Contact Type Digital Tachometer	60 RPM to 1000 RPM	4.0%
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	Using Spirit Level L.C. 0.01 mm/m	3200 X 3200 mm	10*Sqrt((L+W)/125) µm ,Where L & W in mm

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*The validity is extended for one year up to 12.12.2021

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5	MECHANICAL-PRESSURE INDICATING DEVICES	Digital/ Analogue Vacuum Gauges, vacuum Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Pneumatic Pump	Up to -0.90 Bar	0.009Bar
6	MECHANICAL-PRESSURE INDICATING DEVICES	Digital/ Analogue Magnehelic Gauges Differential Pressure Gauges/ Indicator, Low Pressure Gauges/ Indicator/ Transmitter/ Transducer with Indicator	Using Digital Manometer	Up to (-)1000 Pa	4.0Pa
7	MECHANICAL-PRESSURE INDICATING DEVICES	Digital/ Analogue Magnehelic Gauges Differential Pressure Gauges/ Indicator, Low Pressure Gauges/ Indicator/ Transmitter/ Transducer with Indicator	Using Digital Manometer	Up to 1000 Pa	5.8Pa

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8	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic-Pressure Digital/ Analogue Pressure Gauges, Pressure Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Hydraulic Pump	Up to 700 Bar	0.8Bar
9	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic-Pressure Digital/ Analogue Pressure Gauges, Pressure Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Hydraulic Pump	Up to 70 Bar	0.04Bar
10	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic-Pressure Digital/ Analogue Pressure Gauges, Pressure Transmitter, Transducer with Indicator	Using Digital Pressure Gauge and Pneumatic Pump	Up to 7 Bar	0.009Bar
11	THERMAL-SPECIFIC HEAT & HUMIDITY	Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.25°C)	Using Wireless Temperature & RH Data Logger with Minimum 9-Point Multi-Position Calibration	20 %RH to 95 %RH	3.45%RH

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12	THERMAL-SPECIFIC HEAT & HUMIDITY	Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.50%RH)	Using Wireless Temperature & RH Data Logger with Minimum 9-Point Multi-Position Calibration	10 °C to 50 °C	2.30°C
13	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator of Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.25°C)	Using Digital Thermo Hygrometer By Comparison Method	20 %RH to 95 %RH	1.50%RH
14	THERMAL-TEMPERATURE	Indicator of Environmental Chamber/ Humidity Chamber/ Stability Chamber (@Approx.50%RH)	Using Digital Thermo Hygrometer By Comparison Method	10 °C to 50 °C	0.82°C
15	THERMAL-TEMPERATURE	Liquid Bath/Muffle Furnace/Dry Block/Cold Room/Autoclave(Non Medical Application Only)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	100 °C to 250 °C	2.40°C

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16	THERMAL-TEMPERATURE	Liquid Bath/Muffle Furnace/Dry Block/Cold Room/Autoclave(Non Medical Application Only)	Using 'N' Type Thermocouple with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	250 °C to 1200 °C	7.28°C
17	THERMAL-TEMPERATURE	Liquid bath/Muffle Furnace/Dry Block/Cold Room/Autoclave(Non Medical Application Only)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	-80 °C to 100 °C	0.86°C
18	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using 'S' Type Thermocouple with Indicator and Dry Block Furnace/Dry Bath By Comparison Method	250 °C to 650 °C	1.45°C

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19	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using RTD Sensor (PT-100) 4-wire with Indicator and Liquid Bath; By Comparison Method	50 °C to 250 °C	0.14°C
20	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using 'S' Type Thermocouple with Indicator and Dry Block Furnace/Dry Bath; By Comparison Method	650 °C to 1200 °C	1.90°C
21	THERMAL-TEMPERATURE	Temperature Gauge/ RTD's, Thermocouples with Indicator and Data Logger with Sensor, Temperature Transmitter with or without Indicator/ Controller	Using RTD Sensor (PT-100) 4 wire with Indicator and Liquid Bath By Comparison Method	-80 °C to 50 °C	0.10°C

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22	THERMAL-TEMPERATURE	Temperature Indicator of BOD Incubator (Non Medical Application Only)/Incubator (Non Medical Application Only)/ Liquid Bath/Autoclave(Non Medical Application Only	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	650 °C to 1200 °C	1.80°C
23	THERMAL-TEMPERATURE	Temperature Indicator of BOD Incubator (Non Medical Application Only)/Incubator (Non Medical Application Only)/Liquid Bath/Autoclave(Non Medical Application Only	Using RTD Sensor (PT-100) 4-wire with Temperature Indicator; By Comparison method Single Point Calibration	-80 to 250	0.70

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24	THERMAL-TEMPERATURE	Temperature Indicator of BOD Incubator (Non Medical Application Only)/Incubator (Non Medical Application Only)/Liquid Bath/Autoclave(Non Medical Application Only)	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	250 °C to 650 °C	1.56°C
25	THERMAL-TEMPERATURE	Temperature Indicator of Muffle Furnace/ Oven/ Dry Block/ Ultra Low Deep Freezer/ Deep Freezer/ Refrigerator/ Hot Air Oven	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	650 °C to 1200 °C	1.80°C
26	THERMAL-TEMPERATURE	Temperature Indicator of Muffle Furnace/ Oven/ Dry Block/ Ultra Low Deep Freezer/ Deep Freezer/ Refrigerator/ Hot Air Oven	Using RTD Sensor (PT-100) 4-wire with Temperature Indicator; By Comparison method Single Point Calibration	-80 °C to 250 °C	0.70°C

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27	THERMAL-TEMPERATURE	Temperature Indicator of Muffle Furnace/Oven/Dry Block/Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven	Using 'S' Type Thermocouple with Temperature Indicator; By Comparison Method Single Point Calibration	250 °C to 650 °C	1.56°C
28	THERMAL-TEMPERATURE	Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven/BOD Incubator (Only for Non-Medical Application)/Incubator (Only for Non Medical Application)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	100 °C to 250 °C	2.40°C
29	THERMAL-TEMPERATURE	Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven/BOD Incubator (Only for Non-Medical Application)/Incubator (Only for Non Medical Application)	Using 'N' Type Thermocouple with Multi Channel Data Logger with Minimum 9-Point Multi-Position Calibration	250 °C to 1200 °C	7.28°C

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30	THERMAL-TEMPERATURE	Ultra Low Deep Freezer/Deep Freezer/Refrigerator/ Hot Air Oven/BOD Incubator (Only for Non-Medical Application)/Incubator (Only for Non Medical Application)	Using RTD Sensor (PT-100) 3-wire with Multi Channel Data Logger with Minimum 9-Point; Multi-Position Calibration	-80 °C to 100 °C	0.86°C

*** CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.**