



# NABL

**Department of Science & Technology, India**

## SCOPE OF ACCREDITATION

Laboratory	Belz Calibration Laboratory, 5L-123, N.I.T., Faridabad		
Accreditation Standard	ISO/IEC 17025:2005		
Field	Thermal Calibration	Issue Date	27.04.2011
Certificate Number	C-0407	Valid Until	27.06.2012
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Measured Qty / Instrument	Range	*Calibration Measurement Capability ( $\pm$ )	Remarks
4. LIQUID BATHS/ DRY BLOCK FURNACES, FREEZERS, OVEN ENVIRONMENT CHAMBER, CENTRIFUGED CHAMBER, INCUBATOR, BOD INCUBATOR	-40°C to 250°C	0.21°C	Using 4 Wire RTD (PT-100), Cropico Digital Thermometer (dual channel) & Single Position Calibration
5. DRY BLOCK FURNACE/ MUFFLE FURNACE	250°C to 1200°C	2.0°C	Using S type Thermocouple, Cropico Digital Thermometer (dual channel) Single Position Calibration
<b>RELATIVE HUMIDITY</b>			
6. DIGITAL & ANALOG HYGROMETERS, RH SENSORS, DATALOGGER	15 % RH to 95%RH	1.7% RH	Using Standard RH Sensor (rotronics) with indicator
7. HUMIDITY CALIBRATOR/GENERATOR	15% RH to 95% RH	1.65% RH	Using Standard RH Sensor (rotronics) with indicator Single Position Calibration
<b>AT - SITE</b>			
1. TEMPERATURE TRANSMITTER, RTD'S, THERMOCOUPLES WITH & WITHOUT CONTROLLER/ INDICATOR/ DATALOGGER/ RECORDER, TEMPERATURE GAUGES, GLASS THERMOMETERS, DIGITAL THERMOMETER	-40°C to 50°C	0.35°C	Using 4 Wire RTD (PT-100), Cropico Digital Thermometer (dual channel) & Poly Science' Low temperature bath

Convenor