



Perfect Calibration Centre Pvt. Ltd.

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CC - 2247

NABL LAB FOR: MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR-CC2247211000115099
ISSUE DATE: 10/07/2021

CUSTOMER : M/s. COSMOS CLINIC & DIAGNOSTICS,
ANDRAHALLI, MAIN ROAD, BANGALORE - 560 091

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CAL DATE : 08/07/2021
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PAGE NO. : 1/1

CUST REF : VERBAL
DEPT : AT SILL

DETAILS OF DEVICE UNDER CALIBRATION

INCUBATOR

MAKE	KIMI	SL NO	16904
MODEL	KIS - 2 - D	ID NO	CCD/INCUBATOR(A)/12
RANGE	Amb to 80 °C	TYPE	DIGITAL
L.C.	0.1 °C	LOCATION	LAB

ENVIRONMENTAL CONDITIONS:

TEMPERATURE : 25±10°C
HUMIDITY : 30 to 75 %RH

STANDARD USED	CERTIFICATION NO.	SL.NO/ ID.NO.	VALIDITY
HANDY CALIBRATOR	TSC/20-21-6246-1	PCCPL/ET/HC/43	19-10-2021
RTD SENSOR	PC-12-20/ATL/042-01	PCCPL/TH/RTD-01	25-12-2021

The standards used are traceable to National / International Standards.

Cal Procedure No: PCCPL/CAL/TH/001 & 011

COMPARISON METHOD

THERMAL CALIBRATION

CALIBRATION RESULTS

SI No.	DUC Reading(°C)	STD Reading(°C)	Observed Deviation(°C)	Measurement Uncertainty (±) °C
1	35.0	35.5	-0.5	0.12
2	36.0	36.5	-0.5	0.12
3	37.0	37.6	-0.6	0.12
4	38.0	38.6	-0.6	0.12
5	39.0	39.6	-0.6	0.12

Conclusion Remarks:

- The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and k = 2
- Standard & DUC readings is an average of Five repeated readings.

KARTHIK.P
CALIBRATION ENGINEER
CALIBRATED BY



KARTHIK.P
CALIBRATION ENGINEER
CHECKED BY



GOWTHAM
SENIOR CALIBRATION ENGINEER
AUTHORISED SIGNATORY

THIS REPORT RELATES ONLY TO THE ITEM(S) SUBMITTED. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF M/s PERFECT CALIBRATION CENTRE PVT LTD. ALL REFERENCE STANDARDS USED ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS AS PER ISO / IEC 17025 - 2017. THE RESULTS REPORTED ARE VALID AT THE TIME AND UNDER STATED CONDITIONS OF MEASUREMENTS. THE CALIBRATION INTERVAL IS TO BE DECIDED BY THE "USER".
QF/7.8/01

BLR 6786



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DETAILS OF DEVICE UNDER CALIBRATION

INCUBATOR (DRY BLOCK)

MAKE	DELTA LAB	SL NO	30SD0156
MODEL	SD3DX37LED	ID NO	CCD/INCUBATOR(B)/13
RANGE	37 °C	TYPE	DIGITAL
L.C.	0.1 °C	LOCATION	LAB

ENVIRONMENTAL CONDITIONS:

TEMPERATURE : 25±10°C

HUMIDITY : 30 to 75 %RH

STANDARD USED	CERTIFICATION NO.	SL.NO/ ID.NO.	VALIDITY
HANDY CALIBRATOR	TSC/20-21/6246-1	PCCPL/ET/HC/43	19/10/2021
RTD SENSOR	PC-12-20/ATL/042-01	PCCPL/TH/RTD-01	25/12/2021

The standards used are traceable to National / International Standards.
Cal Procedure No: PCCPL/CAL/TH/001 & 011

COMPARISON METHOD THERMAL CALIBRATION

CALIBRATION RESULTS

SI No.	DUC Reading(°C)	STD Reading(°C)	Observed Deviation(°C)	Measurement Uncertainty (±) °C
1	37	36.3	0.7	0.12

Conclusion Remarks:

- The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95% and k = 2
- Standard & DUC readings is an average of Five repeated readings.

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