



# Perfect Calibration Centre Pvt. Ltd.

No.40, 71st Cross, 5th Block, Rajaji Nagar, Bangalore - 560 010.  
Ph : 080-2315 5522, 2315 5577, 2315 5588, 99726 97733  
E-mail : infoblrc@perfectcallab.in / perfectblrc@yahoo.in  
Website : www.perfectcallab.in



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

## CERTIFICATE OF CALIBRATION

ULR-CC224721100011588F  
ISSUE DATE:10/07/2021

<b>CUSTOMER</b> : M/s. COSMOS CLINIC & DIAGNOSTICS, ANDRAHALLI, MAIN ROAD, BANGALORE - 560 091.	<b>REPORT NO.</b> : PC-07-21/ATS/0366-01 <b>CAL DATE</b> : 08/07/2021 <b>DUE DATE</b> : 07/07/2022 <b>PAGE NO.</b> : 1/1
<b>CUST REF</b> : VERBAL <b>DEPT</b> : AT SITE	

### 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.

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 06787



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CC - 2247

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## CERTIFICATE OF CALIBRATION

ULR-CC224721100011589F  
ISSUE DATE:10/07/2021

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

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**CUST REF** : VERBAL  
**DEPT** : AT SITE

### DETAILS OF DEVICE UNDER CALIBRATION

#### INCUBATOR

MAKE	KEMI	SL NO	16994
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:

1. 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
2. Standard & DUC readings is an average of Five repeated readings.

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