



CALIBRATION CERTIFICATE OF : B.O.D INCUBATOR

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- 1.0 SCOPE
- 1.1 Service Request No. : CA/0025/12-22
- 1.2 Calibration Certification No. : ERTL(E)/CAL/C158/0004/01-23 /NABL
Date : 02-02-2023
- ULR No. : CC200823000000105F
- 1.3 Requested by : CENTRAL POLLUTION CONTROL BOARD
(Name & address : 502 SOUTHEND CONCLAVE, 6TH FL..1582 RAJDANGA MAIN
ROAD
of the organisation) KOLKATA-700107
WEST BENGAL
- 1.4 Description Item : B.O.D INCUBATOR
Identification Make : FERROTEK
of the item Model : FE- 113
to be calibrated sl.No. : NIL
Id No. : CPCB/KOL/BOD/04/2014
- 1.4.1 Applicable Specification : Not mentioned
- 1.4.2 Characterisation and Condition : Not applicable/
condition of item : Satisfactory
- 1.5 Date of receipt of item : 03-01-2023
- 1.6 Date of start of calibration : 03-01-2023
- 1.6.1 Date of completion of calibration : 03-01-2023
- 1.7 Location where calibration performed : ON SITE (Refer section 3.0 for address)
- 1.8 Ambient condition during measurement : 25+/-5 °C
40-75 %RH
- 1.9 Discipline (NABL) : THERMAL DISCIPLINE
- 1.9.1 Calibration procedure followed : EP- 15, OPN-33
- 1.9.2 Details of non standard method followed (if any):
- 1.10 Measurement Uncertainty : The uncertainty figure is stated in the result.
- 1.11 Traceability : NPL,NEW DELHI ,

The following Standards / Equipment have been used.

EQPT_NO	ITEM	MAKE	MODEL	CAL.VALID UPTO
1029	RTD	TINSLEY	5 MM DIA	08-08-2023
1033	RTD	TINSLEY	5 MM DIA	08-08-2023
1027	RTD	TINSLEY	5 MM DIA	08-08-2023
1587	DIGITAL THERMOMETER (4 CH)	FLUKE	1529-B	19-07-2023

Note: All calibration were conducted within the validity period of respective equipment shown above.



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CALIBRATION CERTIFICATE OF : B.O.D INCUBATOR MAKE : FERROTEK MODEL : FE- 113 SL NO. : NIL ID NO. : CPCB/KOL/BOD/04/2014 JOB NO. : 0004/CA/01-23	DATE	TEST ENGR.
	03.01.2023	RAVI RANJAN
Range:----	Resolution: 0.1 °C	Accuracy: Not Known

CALIBRATION RESULT :

SL No.	Set Value on DUC in °C	Value Indicated by DUC in °C	Zone	Value Measured by Standard in °C	Expanded Uncertainty at k=2 & 95% CL in ± °C
1	30.0	30.0	Upper	27.169	1.0
			Middle	26.872	1.0
			Lower	26.585	1.0

* DUC: DEVICE UNDER CALIBRATION

Authorised Signatory

Date: 27-01-2023

ATREYEE CHATTERJEE
Scientist 'C'

ELECTRONICS REGIONAL TEST LABORATORY (EAST)
GOVT. OF INDIA, MINISTRY OF ELECTRONICS & IT
DN 63, Sector V, Salt Lake, Kolkata - 700091



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3.0 Remarks (if any) :

Performance check has been carried out for the temperature parameter and calibration spots reported in the result is as per customer request.

ON SITE Address

Same as 1.3



4.0 Ref. of sticker allotted : 04264



Scan to verify the originality of the report

5.0 Next Calibration due date : 03-01-2024



CC2008



Scan to verify NABL certificate



Form No.: QRF/2022-27/Rev-5

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NOTES

1. This certificate/ report refer only to the particular item submitted for calibration/test.
2. The certificate/report, if reproduced for any purpose, commercial or otherwise, should be reproduced in full. The reproduction of a part, or an abstract thereof, has to be got specially approved from Director, Electronics Regional Test Laboratory (East).
3. The results reported in the certificate /reports are valid at the time of and under the stated conditions on measurement.
4. Calibration need to be done periodically to maintain the accuracy of the measurement. (in case of calibration report only)

RELEASED BY

(Signature & Date)

Paul
03/02/2023
Archana Paul
Scientist 'C'
ERTL (East), DeitY, MCIT
Govt. of India
Sector-V, Salt Lake, Kolkata-700091