

Calibration Certificate

Certificate No.: YEA(C)/ 230724S/C875/006
 ULR No.: CC222123000009957F

Dated : 31.07.2023

Calibrated for : **Central Pollution Control Board**
 Southend Conclave 1582, Rajdanga Main Road,
 Kolkata - 700107, West Bengal, India.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
24.07.2023	24.07.2024	1	2

Description of Instrument

Name : Bacteriological Incubator
Identification : CPCB/KOL/INC-02/86
Working Point : 44.5 °C
Least Count : 0.1 °C
Make : SICO

Service Request No. / Order Reference : 230724S/C875/001-009

Receipt of Instrument : 24.07.2023

Location where calibration performed : At site

Applicable Specification of Instrument to be Calibrated : Not Specified

Condition of Instrument to be Calibrated : Satisfactory

Basis of Calibration : Comparison method with reference to YEA/WI/T-04

Environmental Condition during Calibration : *Temp.* : 30±2°C *RH* : 60±10%

Equipment used for Calibration : Standard Data Acquisition System & Standard RTD Sensors (9 Nos.)

Traceability

: To National Standard vide Certificate No.
 YEA(C)/ 221221/Y001/001 valid till 20.12.2023
 TL/023/52.1.1 valid till 11.01.2024
 TL/023/52.1.2 valid till 11.01.2024
 TL/023/52.1.3 valid till 11.01.2024
 TL/023/52.1.4 valid till 11.01.2024
 TL/023/52.1.5 valid till 11.01.2024
 TL/023/52.1.6 valid till 11.01.2024
 TL/023/52.1.7 valid till 11.01.2024
 TL/023/52.1.8 valid till 11.01.2024
 TL/023/52.1.9 valid till 11.01.2024

Measurement Uncertainty

: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.



CC-2221

The above Instrument/Equipment/Machine has been calibrated &
 The results are given in the page 2 to 2 ... of the Certificate.

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YEA

☎ : 033 2677 1411/1412, 2667 1909

YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.

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CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 230724S/C875/006
ULR No.: CC22212300009957F
Calibrated By : S. Jana

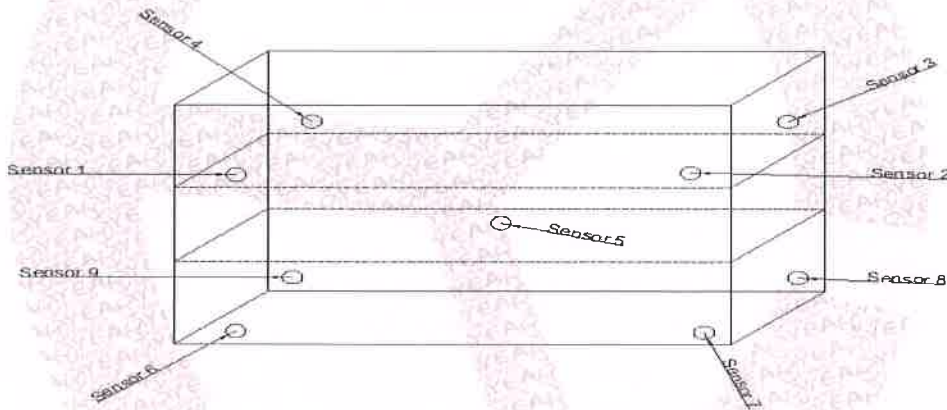
Date : 31.07.2023
Page 2 of 2 Pages

Calibration Results

Thermal Calibration

Calibration Results of Bacteriological Incubator :

Set Value (°C)	Zone	DUC Value			Standard Value		
		(°C)			(°C)		
		Maximum	Minimum	Average	Maximum	Minimum	Average
44.5	1	44.5	44.3	44.4	44.384	44.034	44.191
	2				44.614	43.893	44.318
	3				44.488	43.882	44.228
	4				44.442	43.905	44.187
	5				43.819	43.663	43.756
	6				44.652	43.864	44.251
	7				44.527	43.627	44.203
	8				44.544	43.945	44.182
	9				44.645	44.019	44.295
Stability of Incubator : 0.450 °C							
Nonuniformity of Incubator : 0.539 °C							
Measurement Uncertainty (±) : 2.65 °C							



Bacteriological Incubator

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Bacteriological Incubator has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das

Manager Calibration

*** End of the Calibration Certificate ***

