

1.0 Service Request No.: MTL / 23C / 02 / 21 - 22

1.1 Issued to: Prof. & HOD,
 Department of Microbiology (Serology Lab)
 Midnapore Medical College & Hospital,
 Paschim Medinipur, West Bengal - 721101.

1.2 Description & Identification of item to be Calibrated:	a) Name: Incubator c) Sl. No.: 17G4959 e) Model / Type: YSI - 438 g) Sensor: N.A. i) End User: Serology Lab k) Calibration done at: √ On Site / In House	b) Code No.: MMC / MICRO / SERO / INC - 01 d) Make: Yorco f) Range: As Per Report h) Resolution: N.A. j) Accuracy: N.S.
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1.3 Date of receipt of item : 23-02-22	1.4 Physical Condition of DUC : OK
1.5 Date of calibration : 23-02-22	1.6 Recommended date of next calibration : 23-02-23
1.7 Date of Issue : 26-02-22	

1.8 Environmental Conditions During Calibration:

Temperature:	26.4 °C
Humidity:	64.3 % RH

1.9 Method of Calibration: SOP / TH / 05

2.0 Traceability :

a) Standards used for calibration are traceable to National standards through NABL Accredited Laboratory.

b) The following standards / Equipment have been used.

- i) Data Acquisition Switch Unit Cal. Certificate No. JRPM - CCTR - ET - 2021 - 1227 (JRPM, Chennai) (Cal. Date: 26/08/21, Due Date: 25/08/22)
- ii) RTD (PT - 100) Cal. Certificate No. TL / 021 / 1091.2.1 (TEMPSENS, Udaipur) (Cal. Date: 25/10/21, Due Date: 24/10/22)

2.1 Result :

Thermal Calibration

Sl. No.	Parameter/ Range	Temperature Set at °C	Corrected Std. Value °C			Zone	Measurement Expanded Uncertainty ± °C
			Min.	Max.	Average		
1.	Temperature	37	36.24	36.29	36.276	UZ	1.06
			36.27	36.32	36.308	MZ	1.06
			36.31	36.46	36.400	LZ	1.06


Remarks: i) This result has an expanded uncertainty with a coverage factor k=2 at approximately 95% confidence level.
 ii) The calibration certificate issued for this instrument is to be used for scientific or industrial purposes only.
 iii) Average Reading obtained by 10 Readings.

DUC - Device Under Calibration	N.S. - Not Specified	N.A. - Not Applicable	Std. - Standard
Max.- Maximum	UZ - Upper Zone	LZ - Lower Zone	Min. - Minimum
			MZ - Middle Zone

Opinions and Interpretations			
Calibrated	√	Accepted / Valid for use	
Limited Use		Rejected / Out of use	

Testing Engineer
 Measure Techno Lab
 J. Dey
 Kolkata
 Testing Engineer

J. Dey
 26/02/22

Checked & Approved by:

 Quality & Technical Manager
 S. Pandey