

**MEASURE TECHNO LAB**2, B.T. ROAD (JAYANTI CINEMA COMPLEX), BARRACKPORE,
KOLKATA - 700120, W.B.

CC - 2545

Phone : 033 - 2215 - 0032, 2215 - 9687, 8100875519, Mobile: 9831190974,
LAB:- 8100143376, E-mail: measuretechno@yahoo.co.in**CALIBRATION CERTIFICATE OF REFRIGERATOR**

CALIBRATION CERTIFICATE NO.: MTL / KSDH / R05 / 04 - 23

ULR - CC254523000008970F

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1.0 Service Request No.: MTL / 05 / 04 / 23 - 24

1.1 Issued to: HIV Testing Laboratory,
ICTC Unit,
Kharagpur Sub Division Hospital,
Kharagpur, Paschim Medinipur,
Pin - 721301.1.2 Description & Identification of item to be Calibrated:
a) Name: Refrigerator
b) Code No.: KSDH / ICTC / REF - 01
c) SI No.: N.A.
d) Make: LG
e) Model / Type: GL - B221APZY
f) Range: As Per Report
g) Sensor: N.A.
h) Resolution: N.A.
i) End User: Laboratory
j) Accuracy: N.S.
k) Calibration done at: On Site / In House1.3 Date of receipt of item : 05-04-23
1.4 Physical Condition of DUC : OK
1.5 Date of calibration : 05-04-23
1.6 Recommended date of next calibration: 05-04-24
1.7 Date of Issue : 07-04-231.8 Environmental Conditions During Calibration: Temperature: 25.3 °C
Humidity: 65.6 % 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 - COTR - ET - 2022 - 1498 (JRPM, Chennai) (Cal. Date: 25/08/22, Due Date: 24/08/23)
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- ii) RTD (PT - 100) Cal. Certificate No. TL / 022 / 1166.2.1 (TEMPSENS, Udaipur) (Cal. Date: 19/10/22, Due Date: 18/10/23)

2.1 Result :

Thermal Calibration

Sl. No.	Parameter/ Range	Chamber	Corrected Std. Value °C			Zone	Measurement Expanded Uncertainty ± °C
			Min.	Max.	Average		
1.	Temperature	Normal	3.21	3.37	3.291	UZ	1.06
			3.26	3.38	3.328	MZ	1.06
			3.32	3.41	3.369	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 Min. - Minimum
Max. - Maximum UZ - Upper Zone MZ - Middle Zone LZ - Lower Zone

Opinions and Interpretations

Calibrated	<input checked="" type="checkbox"/>	Accepted / Valid for use
Limited Use	<input type="checkbox"/>	Rejected / Out of use

Calibration Engineer
Measure Techno Lab
Kolkata
Calibration EngineerChecked & Approved by
KOLKATA
Quality & Technical Manager

S. Pandey

Form No. - MTL/22/2006

Issue No. : 2 Issue Date : 10.11.06

Rev. No. : 04 Rev. Date : 01.04.22