



MEASURE TECHNO LAB

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

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



NABL ACCREDITED LABORATORY
Certificate No. CC - 2543

CALIBRATION CERTIFICATE OF REFRIGERATOR

CALIBRATION CERTIFICATE NO.: MTL / HIVTL (S) / R21 / 07 - 22

ULR - CC254522000020725F

Page: 1 of 1

0 Service Request No.: MTL / 29B / 07 / 22 - 23

1 Issued to: HIV Testing Laboratory (SRL & ICTC),
Department of Microbiology,
New STNM Multi Speciality Hospital,
Sochakgang, Gangtok, Sikkim - 737101.

2 Description & Identification of item to be Calibrated:	a) Name: Refrigerator	b) Code No.: MICRO / NSTNMSH / ICTC / REF / 4
	c) SI No.: N.S.	d) Make: Whirlpool
	e) Model / Type: N.S.	f) Range: As Per Report
	g) Sensor: N.A.	h) Resolution: N.A.
	i) End User: PPTCT	j) Accuracy: N.S.
	k) Calibration done at: <input checked="" type="checkbox"/> On Site / <input type="checkbox"/> In House	

3 Date of receipt of item :	30-07-22	1.4 Physical Condition of DUC :	OK
5 Date of calibration :	30-07-22	1.6 Recommended date of next calibration :	30-07-23

7 Date of Issue :	01-08-22
8 Environmental Conditions During Calibration:	Temperature: 25.2 °C Humidity: 65.4 % RH

9 Method of Calibration: SOP / TH / 05

10 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)

11 Result :

Thermal Calibration

Sl. No.	Parameter/ Range	Chamber	Corrected Std. Value °C			Zone	Measurement Expanded Uncertainty ± °C
			Min.	Max.	Average		
1.	Temperature	Deep	-14.33	-14.29	-14.299	LS	0.83
			-14.30	-14.26	-14.268	RS	0.83
2.	Temperature	Normal	6.15	6.18	6.179	UZ	1.06
			6.21	6.27	6.251	MZ	1.06
			6.24	6.30	6.283	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	LS - Left Side
RS - Right Side				

Opinions and Interpretations

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

Calibrated by:
Calibration Engineer
Measure Techno Lab
A. Bera
Calibration Engineer
01/08/22

Checked / Approved by:

Quality & Technical Manager
T. Banerjee