

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



CC - 3548

CALIBRATION CERTIFICATE OF REFRIGERATOR

Calibration Certificate No.: MTL / D / R05 / 06 - 24

ULR - CC254524000028079F

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Service Request No.: MTL / 14G / 06 / 25 - 26

Addressed to: M/s. Diagnostics,
190B, Rashbehari Avenue,
Kolkata - 700029.

Description & Identification of item calibrated:
a) Name: Refrigerator
b) Code No.: DIA / BIO / 10
c) Sl. No.: N.S.
d) Make: LG
e) Model / Type: GL - T292RPZM
f) Range: As Per Report
g) Sensor: N.A.
h) Resolution: N.A.
i) End User: Biochemistry
j) Accuracy: N.S.
k) Calibration done at: On Site / In House

Date of receipt of item : 14-06-24
Date of calibration : 14-06-24
Date of Issue : 15-06-24
1.4 Physical Condition of DUC : OK
1.6 Recommended date of next calibration : 14-06-25

Environmental Conditions During Calibration:
Temperature: 25 °C ± 2 °C
Humidity: 55 % RH ± 10 % RH

Method of Calibration: SOP / TH / 05

Traceability:

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

ii) The following standards / Equipment have been used.

Date Acquisition Unit Cal. Certificate No. C&I/JCAL/23-12/660 (C&I/CPL, Jaipur) (Cal. Date: 13/12/23, Due Date: 13/12/24)

STD (PT - 100) Cal. Certificate No. TL / 023 / 1200.2.1

(TEMPSENS, Udaipur) (Cal. Date: 18/10/23, Due Date: 17/10/24)

Result:

Thermal Calibration (Temperature)

Sl. No.	Parameter / Range	Chamber	Corrected Std. Value					Zone	Measurement Expanded Uncertainty ± °C
			Min. Ohms	Min. °C	Max. Ohms	Max. °C	Average °C		
1.	Temperature	Deep	95.988	-10.25	96.004	-10.21	-10.216	LS	0.28
			95.976	-10.28	96.007	-10.20	-10.227	RS	0.28
2.	Temperature	Normal	102.382	6.10	102.405	6.16	6.115	UZ	0.31
			102.405	6.16	102.433	6.23	6.209	MZ	0.31
			102.425	6.21	102.464	6.31	LZ	0.31	

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.

iv) Calibrations are carried out without any adjustment or repair.

U.C. - 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	Accepted / Valid for use
Limited Use	Rejected / Out of use

Calibrated by:

Calibration Engineer
Measure Techno Lab,
Kolkata



S. Pandey
Rev. No.: 04 / Rev. Date: 01.04.22

Form No. - MTL/22/2006

Issue No.: 2 Issue Date: 10.11.06

Rev. No.: 04 / Rev. Date: 01.04.22