



# Micro Advance Calibration Lab

(DEALS IN SALES AND CALIBRATION OF INSTRUMENTS)

## Calibration Certificate

Certificate No.	MACL-2021-H-79-27	Page No - 1 of 1
Issue Date	3-05-2021	<b>Calibration Certificate of</b>  <b>Freezer</b>
Service Request No.	MACL-2021-H-79	
Service Request Date	29-05-2021	
Calibration Date	1-05-2021	
Calibration Due Date (As per Customer request)	30-04-2022	

Name & Address of Customer	Identification on UUC (Unit Under Calibration)	
Vijay Nursing Home F-24/25, Sector-3, Rohini, North West, Delhi-110085	Range/ Size Make / Model No. Instrument I.D. No. Instrument Sr. No. Least Count Location Visual Inspection	0 ~ -80 °C BPL/-- VNH/REFRIGRATOR/LAB/01 -- 0.1°C -- O K

Calibration Procedure	MACL/H/CP-01 to 25	Condition of Instrument	OK
Reference Standard	ITS-90	Calibration Performed at	Lab
Environmental Condition	Temperature	25 ± 4 °C	Relative Humidity 30 to 75 % RH

Standard Equipment Used for Calibration					
Instrument Name	Make	I.D No./Sr.No.	Calibrated By	Certificate No.	Due Date
PT 100 4 Wire RTD with Indicator	Tempens	MACL/TH/RTD-01/1363	Adcon Test & Calibration Lab Gurugram	ATCL/20-21/200720/5-1	22-07-2021

## Calibration Results

Parameter	Set Value (UUC) °C	Standard Value (Ref.) in °C	Error in °C	Uncertainty of Measurement (±) °C
Temperature Range 0 to -80°C	-20.0	-19.98	-0.02	1.00
	-40.0	-39.92	-0.08	
	-60.0	-59.88	-0.12	
	-80.0	-79.80	-0.20	

ZERO ERROR OK

The reported uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 correspond to confidence level of 95 %

- Note :-
1. This Certificate refers only to the particular items submitted for calibration
  2. This Certificate shall not be reproduced, except in full, without the written permission of C E O.  
Micro Advance Calibration Lab Ghaziabad.
  3. Result Reported are Valid at the of and under the stated conditions of measurement
  4. Laboratory Standards are traceable to National Standards
  5. Calibration Certificate issue for weight & Measure parameters i.e. Mass, Balance Volumetric equipment, Measuring Scale/Tapes etc for scientific purpose only and should not be used for Trade / Commercial use

CALIBRATED BY

Uma Shanker Sharma  
Calibration Engineer



APPROVED BY

Mukesh Kumar Shukya  
Authorized Signatory

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SALES OFFICE : GHAZIABAD BIHAR MADHYA PRADESH