ACCURATE CALIBRATION
LABORATORY & SERVICES
(A NABL Accredited Laboratory as per ISO/IEC 17025:2017)
Plot No. 33/B, Sakkubai Residency, Main Road , Mallapur Hyderabad-500 076.
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CC - 3373

CALIBRATION CERTIFICATE

Format No.:ACLS_CR_T

ULR Number : CC337323000000361F **Discipline/Group :** Thermal/Temperature

Certificate Number	Date of Receipt	Date of Calibration	Suggested Next Date of Calibration	Date of Issue
ACLS/2023-24/083/RF-02	25/09/2023	25/09/2023	24/09/2024	27/09/2023

1.0	Calibration Request Number	:	083
2.0	Name & Address of the Customer	:	**M/s. Bioline Laboratory,** 6,7& 15 Dolly Arcade, Near Harley's Bakery,New Nagole, L.B. Nagar, Telangana-500068.
3.0	Details of Device Under Calibration		
3.1	Nomenclature	:	Refrigerator
3.2	Make	:	Western
3.3	Model/ Type Number	:	SRC-700
3.4	Range	:	2 to 8 °C
3.5	Resolution	:	1°C
3.6	Identification Number	:	BL/RF-02
4.0	Work Instruction/Procedure No.	:	ACLS_T_WI_ 001 & 002
5.0	Condition of the item on receipt	:	Physically OK
6.0	Unit of Measurement	:	(°C)
7.0	Range of Environmental Conditions of the Measurement	:	Temperature : (25 ± 4)°C Relative Humidity : 30 % to 75% RH
7.1	Actual Environmental Conditions at the time of measurement	:	Temperature : 24.1°C Relative Humidity : 59 % RH
8.0	Calibration Performed at	:	Thermal Lab
9.0	Reference Method	:	DKD-R-5-1 & ITS-90
10.0	Details of reference Standards	:	

S.No.	Nomenclature	Serial Number	Certificate No.	Validity
10.1	SSPRT Sensor with Thermometer	362277-1/ 21C200411	TSC/23-24/7066-2	24/07/2024

11.0 Results Summarized :

S.No.	Set Temp. in(°C)	STD Reading in (°C)	DUC Reading in (°C)	Deviation in (°C)	Expanded Uncertainty in ± (°C)
11.1	2.0	1.996	2	0.004	0.59
11.2	4.0	3.995	4	0.005	0.59
11.3	6.0	5.993	6	0.007	0.59
11.4	8.0	7.991	8	0.009	0.59

12.0 Remarks :

12.1 DUC Stands for Device Under Calibration

12.2 The Certificate refers only to the particular item submitted for calibration

12.3 Report results are valid at the time of and under the stated conditions of the Measurement

12.4 Reproduction of this certificate in any form is not permitted without the written consent of ACLS

12.5 Errors if any ,in this certificate shall be brought to notice within 45 days from the date of this certificate

12.6 Measurment uncertainty reported is at approximately 95.45 % confidence level with K=2 as per guideline NABL 141

12.7 The measurment data reported is as found without any adjustment

12.8 Standard used for calibration were traceable to National / International standards

Calibrated by
CH.Nagagopi
Cal.Engg.

*** End of Certificate ***

Authorised by
N.Sreedhar
(Quality/Technical Manager)