

CALIBRATION CERTIFICATE

Customer name And Address	Doctors Laboratory, Dharmapuri-636701.	Certificate No.	SB/2020/0076
		Date of calibration	04.10.2021
		Valid up to	03.10.2022
		Date of issue	08.10.2021
		Calibrated at	On site

<u>Details of Test Instrument</u>			
Instrument name	Refrigerator	S.no	-
Make	Samsung	Model	-
Range/Size	2 ^o C to 8 ^o C	Location	Laboratory
Least Count	1 ^o C	Accuracy	As per manual
I.D No.	-	Visual Inspection	Ok

<u>Details of standards used</u>	
Name	RTD with Indicator
Certificate No.	PC-10-20/ATL/0782-01
Valid up to	23/10/2021
Traceability	yes

Environmental Condition	Temperature	25 ^o C		
	Relative Humidity	60%		

<u>Calibration Results</u>			
Serial No.	UUC Reading in ^o C	Standard Reading in ^o C	Uncertainty At 95% C.L. (coverage factor K=2)
1	5.0	5.0	2

Remarks:

- ❖ The above UUC was calibrated at On-site
- ❖ UUC is defined as Unit under Calibration.
- ❖ This result of calibration refers to only to the particular item submitted for calibration.
- ❖ The above results are valid at the time of and under the stated conditions measurement.

Note: This machine is working fine and measured values are within the range

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<u>Details of Test Instrument</u>			
Instrument name	Refrigerator Thermometer	S.no	-
Make	-	Model	-
Range/Size	-50 ^o C to +25 ^o C	Location	Laboratory
Least Count	1 ^o C	Accuracy	As per manual
I.D No.	-	Visual Inspection	Ok

<u>Details of standards used</u>	
Name	RTD with Indicator
Certificate No.	PC-10-20/ATL/0782-01
Valid up to	23/10/2021
Traceability	yes

Environmental Condition	Temperature	24 ^o C	=	=
	Relative Humidity	60%	=	=

Calibration Results for Refrigerant

Serial No.	UUC Reading in ^o C	Standard Reading in ^o C	Uncertainty At 95% C.L. (coverage factor K=2)
1	2	2	2
2	4	4	
3	6	6.2	
4	8	8.1	

Calibration Results for Freezer

Serial No.	UUC Reading in ^o C	Standard Reading in ^o C	Uncertainty At 95% C.L. (coverage factor K=2)
1	-5	-5	2
2	-10	-10	
3	-15	-15	
4	-20	-20	

Remarks:

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- ❖ UUC is defined as Unit under Calibration.
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- ❖ The above results are valid at the time of and under the stated conditions measurement.

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