



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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CC-3304

Format No.: F/NCE/LAB/20		CALIBRATION CERTIFICATE OF : REFRIGERATOR			
Calibration Certificate No.: NCE-REF-230000482-22-23		Issue Date: 13-Feb-2023			
Date of Calibration: 9-Feb-2023	Calibration Due On : 9-Feb-2024				
ULR No.: CC330423000000482F	Frequency of Calibration: 12 Months				
Location of Calibration: At Lab	Instrument Receipt Date : 9-Feb-2023				
Issued To:	Office of the Professor Cum Head, Department of Microbiology, Assam Medical College & Hospital, Dibrugarh, Assam				
Service Request/Order No.:	--				
Description identification of instrument to be calibrated:					
Name:	Refrigerator.				
Make:	Samsung	ID No.:	--	Range:	2 °C - 8 °C & -20 TO 0°C
Model:	RR24T282YS8	Sr. No.:	0AFB4ZANA00733X	Resolution:	1 °C
Location:	--			Discipline:	Thermal
Applicable specification of Item to be calibrated: Accuracy/Permissible Limit: -					
Basis Of Calibration:					
S.O.P No.:	SOP/T/DTM-01		Description of Method:		
Standard Followed:	--		Comparison Method		
Recommended Environmental Condition:			Environmental Condition during Calibration:		
Temperature:	25°C ± 4°C		Temperature	Humidity	
Humidity:	50%RH ± 10%RH		26.4 °C	54 % RH	
Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory					
Sr. No.	Name of the Standard Instruments Used (Make, Sl. No./Code No.)	Certificate No.	Calibration Date	Calibration Due Date	Traceable to
1	Dig Thermometer with Sensor & Source (15B065943)	TSC/20-21/12835-3	03/Mar/21	03/Mar/23	Transcal (Bangalore)
CALIBRATION RESULT					
Parameter/Range	Set temp. at DUC in °C	Temp. Observed at Ref. Std. in °C	Error in °C	Measurement Uncertainty (±) in °C	
Temperature	2	1.92	-0.08	0.93	
	4	3.88	-0.12		
	8	6.97	-1.03		
Parameter/Range	Obsevation		Corresponding Reading Observed through Ref. Standard in °C		
Indicator	Temperature at deep freeze zone		-20.26	0.56	
Remarks:	The Statement of conformity is not mentioned.				
Notes:	i) Average of 5 readings had been taken in DUC/STD. ii) Measurement Uncertainty reported is at approximately 95% confidence level with k=2, Units of Measurement results & Measurement Uncertainty are same as that of range selected-Unless otherwise indicated. iii) NABL-133 guidelines are adopted for use of NABL symbol. iv) DUC: Device Under Calibration. iv) Physical Status Of DUC: Ok v) The certificate issued for industrial purpose only not for commercial activities. vi) Partial publication/reproduction of this certificate in any form is not permitted without the written consent of NCE. vii) corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or part of this Report' - provided for incorporation of additional data (To be filled by customer authorized signatory and not under calibration laboratory control)				
CALIBRATED BY: B. Bora		APPROVED BY:			
END OF CERTIFICATE					

