

9			CALIBE	RATIO	N CEI	RTIFIC	CATE		
CERTI	FICATE NO: SBS/	CL/21-22/1	2525			THE	RMAL	Pag	e No:1 of 1
Issue [19-11-2021				
SRF N	lo & Date				SBS/SRF	-/21-22/016	1-001 & 19-11-	2021	
Receip	ot Date				19-11-20	21			
	ation Date				19-11-20	21			
Calibra	ation Due				18-11-20	22			
	mer Name & Addre	ess							
MEDIT	TECH DIAGNOSTI	CENTRE,							
WEST	MAMBALAM, CHE	NNAI.				<u> </u>			
			Details	of Device	Under Ca	li <mark>bra</mark> tion (D	UC)		
		TEMPERA	TURE INDIC	ATOR WITH	1				
Descri	ption :	SENSOR			Make &	Model	;	STC-1000	
Range	:	-50°C to 9	9°C		Sr. No			NA	
Least	Count :	0.1°C			Identifica	ation No	1		
DUC (Condition :	Satisfactor			Location		:	REFRIGERAT	OR
		Er	nvironmental	Conditions	& Calibra		edure Details		
Enviro	nmental Details		Temperature	: 24.4° C	VA	Relative H	umidity	52% Rh	
Calibration Procedure No SBS/CP/TH		SBS/CP/TH/	02	Calibration done at		LAB	LAB		
				Reference	Standard	s Details	No. of the last of		
S.No	Description			Make/ SI N	Make/ SI No:		Certificate No		Validity
1	Digital mutimeter			GW Instek / GES 817082		HT/CC/2107	HT/CC/210702-18/001		
2	4 Wire RTD Senso	or		TempsenDevices/TD27405		HT/CC/2107	HT/CC/210702-18/004		

CALIBRATION RESULTS

S.No.	STANDARD INSTRUMENTS READINGS	DEVICE UNDER CALIBRATION / READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)	
	°C	°C	°C	°C	
1	2.00	1.96	-0.04	0.22	
2	4.00	3.94	-0.06	0.22	
3	5.00	4.92	-0.08	0.23	
4	6.00	5.91	-0.09	0.23	
5	8.00	7.90	-0.10	0.23	

REMARKS

- 1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2. The user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.
- 5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.

6. Equipment used for Calibration were calibrated & traceable to National & International Standards **Authorised Signatory**

(Calibration Engineer) (R.Yaziniyan)

Calibrated By

BIOMEDICA
Chennai 0
To 600 032
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(Technical Manager)

(Chief Executive)



			CALIB	RATIO	N CERTIFI	CATE				
CERT	IFICATE NO: SBS	/CL/21-22/1	2526		THI	ERMAL	Pa	ge No:1 of 1		
Issue	Date				19-11-2021	19-11-2021				
SRF N	No & Date				SBS/SRF/21-22/01	SBS/SRF/21-22/0161-002 & 19-11-2021				
Recei	pt Date				19-11-2021	19-11-2021				
Calibr	ation Date				19-11-2021					
Calibr	ation Due				18-11-2022	18-11-2022				
Custo	mer Name & Addr	ess								
MEDI.	TECH DIAGNOSTI	C CENTRE,								
WEST	MAMBALAM, CHE	NNAI.								
	8		Detail	s of Device	Under Calib <mark>ra</mark> tion (DUC)				
Descr	intion	TEMPERA SENSOR	TURE INDIC	ATOR WITH	Make & Model		STC-1000			
Range		-50°C to 99	9°C		Sr. No		NA NA			
	Count :	0.1°C			Identification No		147.1			
DUC (Condition :	Satisfactor	y		Location		FREEZER CO	MPARTMENT		
		En	vironmenta	l Conditions	& Calibration Prod	edure Details				
Enviro	nmental Details		Temperature	e: 24.4° C	Relative Humidity 52% Rh		52% Rh			
Calibration Procedure No SBS/CP/TH/0			02	Calibration done at LAB		LAB	√B			
				Reference	Standards Details	The second second				
S.No Description		Make/ SI No:		Certificate No		Validity				
1	Digital mutimeter			GW Instek /	GES 817082	HT/CC/2107	0702-18/001			
2 4 Wire RTD Sensor Temps			TempsenDe	evices/TD27405	HT/CC/2107	02-18/004	05/07/2022			

CALIBRATION RESULTS

S.No.	STANDARD INSTRUMENTS READINGS	DEVICE UNDER CALIBRATION READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)	
	°C	°C	°C	°C	
1	-2.00	-1.97	0.03	0.22	
2	-4.00	-3.97	0.03	0.22	
3	-6.00	-6.94	-0.94	0.23	
4	-8.00	-7.92	0.08	0.23	
5	-15.00	-14.90	0.10	0.23	

REMARKS

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- 3. The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.
- 5.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.

6. Equipment used for Calibration were calibrated & traceable to National & International Standards

Calibrated By

Authorised Signatory

(Calibration Engineer) (R.Yaziniyan)

MEDICAL
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Ì	V	(Technical Manager)	

	(Chief Executive)
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