

(A Unit of Rainbow Bio Medical Engineers)

वानाविल केलिब्रेशनस

S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

				CALIBRATIC	ON CEF	RTIFICAT	E				Page 01 of
Custo	mer Name and	Ac	ldress:		Certif	icate No		:	VCPL/	CC/2024/060-07	
custo M/s	SARAVANA H	OSF	ITAL PVT LTI	D	SRF N	lo		:	SRF/24	/60	
IVI/3	NO:14, THILL	A۱۸	IAGAR 1ST C	ROSS STREET,	Date	of Receip	t	:	02-09-	2024	
	PONNAMMA	PET	, SALEM - 6	36 001.	Date	of Calibra	ation	:	02-09-	2024	
					Due I	Date of Ca	alibration	:	01-09-	2025	
					Date	of Issue			03-09-	2024	
etail	s of Device Un	der	Calibration								
	ption	;	MICROPIPE		Mode	el		:	NA		
лаке	•	;	DRAGON LA	AB.	ID.No	•		:	NA		
ange		:	(5 - 50) μl		Cond	ition of D	UC	:	Good		
esolu		:	0.5μΙ		Calib	rated At		:	Lab		
	Number	:	YE2184V00	03268	Produ	ıct Code		:			
nstrur	ment Location	:	BIO CHEMIS	STRY LAB							
etail	s of Reference	Sta	ındard								
SI.No			D	escription		ID.No/Sr	.No	Certifica	te Num	ber	Validity
1			Weig	thing Balance	VCPL	/MLAB/S 76310		TSC/23-	24/2138	9-1 28	3/03/2025
			Envir	onmental Condition			Referenc	e Standard		ISO 8655-6:202	2
empe	rature (°C)	T	21.4	Atmospheric Pressure (mbar)	1	983.5	Calibratio	on Procedure		VCPL/SOP/08	
<u> </u>	ity (%RH)	+	53.2	Water Temperature (°C)		25.65	Calibrate	d By		M.KANNAN	

Cal	101	ation	nesu	1115	_
sults	of	Calibra	ation	in µl	

				VIIII	Results of Cali	bration in p		1.70	Z Facto	r : 1.009
SI.No.	Nominal Value			Observed Re	ading		Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		50.36	50.34	50.33	50.30	50.36	50.32	0.32	0.04	
1	50.0	50.30	50.36	50.30	50.27	50.26	30.32			
		19.99	19.89	19.91	20.00	19.89	19.93	-0.07	0.05	0.01
2	20.0	19.91	20.00	19.89	19.91	19.89	13.33		Jalian St.	
		5.96	5.86	5.84	5.90	5.96	5.90	0.90	0.06	
3	5.0	5.80	5.91	5.96	5.83	5.91	3.50	0.50	0.00	

- 1. The Standards used are traceable to National / International Standards.
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- 3. This Certificate is not valid unless it is signed by the authorized signatory.
- 4. Next Calibration due date mentioned as per customer requirement.
- 5. The result is valid at the time of and under the stated conditions of measurement.
- 6. The measurement confidence level is 95.45% with coverage factor K=2.
- 7. UUC stands for Unit Under Calibration.
- 8. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- 9. The Decision Rule will be applied based on the statement of conformity requested by the customer.

M.KANNAN (Calibration Engineer)

End of the Report

Authorised By:

S. LAKSHMANAN MURUGAN, Technical Manager Vanavil Calibrations Pvt Ltd.



(A Unit of Rainbow Bio Medical Engineers)

वानाविल केलिबेशनस

S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

				CALIBRATIC	ON CE	RTIFICAT	E			Page 01 of 01	
Custor	mer Name and	Ad	dress:		Certi	ficate No		: VCP	VCPL/CC/2024/060-08		
M/s	SARAVANA H				SRFI	No		: SRF/	24/60		
				ROSS STREET,	Date	of Receip	t	: 02-09	9-2024		
•	PONNAMMA	PET,	, SALEM - 63	36 001.	Date	of Calibra	ition	: 02-09	9-2024		
					Due	Date of Ca	libration	: 01-09	9-2025		
101					Date	of Issue		: 03-09	9-2024		
Details	s of Device Un	der	Calibration								
Descrip	otion	:	MICROPIPE	TTE	Mod	el		: NA			
Make		:	PIOPETTE		ID.N	0		: NA			
Range		:	100 μΙ		Cond	lition of D	uc	: Good	l		
Resolu	tion	:	FIXED		Calib	rated At		: Lab			
Serial N	Number	:	10044700		Prod	uct Code		: -			
Instrun	nent Location	:	BIO CHEMIS	STRY LAB							
Details	s of Reference	Sta	ndard		•						
SI.No			D	escription		ID.No/Sr	.No	Certificate Nu	mber	Validity	
1			Wei	ghing Balance	VCP	L/MLAB/S 76310		TSC/23-24/21	389-1	28/03/2025	
			Envi	ronmental Condition			Reference	e Standard	ISO 865	5-6:2022	
Tempe	rature (°C)	\top	21.4	Atmospheric Pressure (mbar)		983.5	Calibratio	on Procedure	VCPL/SC	OP/08	
Humid	ity (%RH)	\top	53.2	Water Temperature (°C)		25.65	Calibrate	d By	M.KANN	IAN	

Calibration Results

- 10				All	Results of Cali	bration in μ	I Alle	<	Z Facto	or : 1.009
SI.No.	Nominal Value		alle -	Observed Re	eading	·	Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
	100	100.59	100.55	100.61	100.76	100.76	100.63	0.63	0.09	0.03
1	100	100.71	100.69	100.59	100.58	100.53	100.03	0.03	0.03	0.03

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- 4. Next Calibration due date mentioned as per customer requirement.
- 5. The result is valid at the time of and under the stated conditions of measurement.
- 6. The measurement confidence level is 95.45% with coverage factor K=2.
- 7. UUC stands for Unit Under Calibration.
- 8. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- 9. The Decision Rule will be applied based on the statement of conformity requested by the customer.

M.KANNAN

(Calibration Engineer)

S. LAKSHMANAN MURUGAN, Technical Manager

Vanavil Calibrations Pvt Ltd.

Authorised By:

***End of the Report**

Admin Off : No. 96, 97, 98, Anadhamaya Apartments, 2nd Floor, KVR Flats, 2nd Cross Street, Thangam Nagar, Pallikaranai, Chennai - 600 100.

Cell: 99949 13872 / 99949 23872 Ph: 0427-7965376

■ vanavilcalibrations@gmail.com ● www.rainbowbiomedicalengineers.com ● www.vanavilcalibrations.com





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			CALIBRAT	ION (ERTIFICA	ATE				Page 01 of 0
Custo	mer Name an	d Address:		Cert	ficate No		: VCP	L/CC/2024	/060-09	
M/s		OSPITAL PVT	LTD	SRF	No		: SRF/	24/60		
•	NO:14, THIL	LAI NAGAR 1	ST CROSS STREET,	Date	of Receip	ot	: 02-0	9-2024		
•	PONNAMM	APET, SALEM	- 636 001.	Date	of Calibra	ation	: 02-0	9-2024		
				Due	Date of C	alibration	; 01-0	9-2025		
				Date	of Issue		: 03-0	9-2024		
Descri	ption	; MICROPIPET	TE	Mod	el		: NA			
Make	'	: P-FACT		ID.N	•		: NA			
Range		: (10-100) µl		Cond	ition of D	UC	: Good	l		
Resolu	tion	: 0.5µl		Calib	rated At		: AT LA	ΛB		
Serial I	Number	: MC404665		Prod	uct Code		:			
Instrur	ment Location	: BIO CHEMIS	TRY LAB							
Detail	s of Referenc	e Standard								
SI.No			Description		ID.No/Sr	.No	Certificate Nu	mber	V	alidity
1		We	eighing Balance	VCP	L/MLAB/S 76310		TSC/23-24/213	389-1	28/	03/2025
		Env	vironmental Condition			Reference	e Standard	ISO 8655	-6:2022	
Tempe	erature (°C)	21.4	Atmospheric Pressure (mbar)	-	983.5	Calibrati	on Procedure	VCPL/SC	P/08	
<u>-</u>	lity (%RH)	53.2	Water Temperature (°C)	14.8	25.65	Calibrate	d By	M.KANN	IAN	

Calibration Results

			15.	V.	Results of Calib	ration in µ			Z Fac	tor : 1.009
SI.No.	Nominal Value			Observed Re	eading		Mean Value	Systematic Error	Random Erro	Measurement Uncertainty (±)
		92.72	92.68	92.68	92.65	92.72	93.20	-6.80	1,64	
1	100.0	92.68	92.65	97.87	92.69	92.70	93.20	-0.00	73/04	_
		50.30	50.26	50.36	50.30	49.15	50.05	0.05	0.46	0.55
2	50.0	49.23	50.14	50.19	50.30	50.26	30.03	0.03	0.40	
		9.90	9.98	9.90	10.00	9.94	9.94	-0.06	0.04	
3	10.0	9.95	9.94	9.96	9.92	9.90	3.34 a M	-0.00	0.04	

Note:

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- 7. UUC stands for Unit Under Calibration.
- 8. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- 9. The Decision Rule will be applied based on the statement of conformity requested by the customer.

M.KANNAN
(Calibration Engineer)

End of the Report

Authorised By:

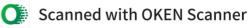
S. LAKSHMANAN MURUGAN, Technical Manager Vanavil Calibrations Pvt Ltd.

SEAL OF CALIBRATION

Admin Off: No. 96, 97, 98, Anadhamaya Apartments, 2nd Floor, KVR Flats, 2nd Cross Street, Thangam Nagar, Pallikaranai, Chennai - 600 100.

Cell: 99949 13872 / 99949 23872 Ph: 0427-7965376

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S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

		CALIBRAT	ION C	ERTIFICA	TE			Page 01 of
Customer Name	and Address:		Certi	ficate No		; VCP	L/CC/2024,	
	A HOSPITAL PVT	LTD	SRF I	No		: SRF,	/24/60	
	IILLAI NAGAR 15	T CROSS STREET,	Date	of Receip	t	: 02-0	9-2024	
PONNAM	MAPET, SALEM	- 636 001.	Date	of Calibra	ation	: 02-0	09-2024	
			Due	Date of C	alibration	: 01-0	09-2025	
			Date	of Issue		: 03-0	09-2024	
Description	; MICROPIPET	TE	Mod	ei		: NA		
Make	: P-FACT		ID.No	•		: NA		
Range	: (100-1000) µ	ıl	Cond	ition of D	UC	: Goo	d	
Resolution	; 5µl		Calib	rated At		: AT L	AB	
Seriai Number	: 374483		Prod	uct Code		: -		
nstrument Location	n ; BIO CHEMIS	TRY LAB						
Details of Refere	nce Standard							
SI.No		Description		ID.No/Sr	.No	Certificate No	umber	Validity
1	We	ighing Balance	VCP	L/MLAB/S 76310		TSC/23-24/21	1389-1	28/03/2025
	Env	ironmental Condition	_		Reference	e Standard	ISO 865	5-6:2022
emperature (°C)	21.4	Atmospheric Pressure (mbar)		983.5	Calibratio	on Procedure	VCPL/SC	OP/08
lumidity (%RH)	53.2	Water Temperature (°C)		25.65	Calibrate	d Bv	M.KANI	NAN

Calibration Results

				Waldeday.		tron negate			Z Fac	tor : 1.009
SI.No.	Nominal Value			Observed Rea	Results of Cali ading	bration in µ	Mean Value	Systematic Error		Measurement
	1000	997.40	998.79	998.66	998.66	998.72	998.61	-1.39	0.43	
1	1 1000	998.79	998.76	998.79	998.76	998.76	390.01	1.55	0.43	
	500	504.15	504.18	504.18	504.36	504.32	504.28	4.28	0.08	0.14
2	500	504.31	504.32	504.36	504.32	504.32	304.28	4.20	0.08	0.14
	3 100	92.72	92.68	92.68	92.65	92.72	03.20	-6.80	1.64	7
3	100	92.68	92.65	97.87	92.69	92.70	93.20	-6.80	1.64	

Note:

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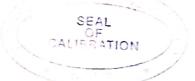
Calibrated By:

M.KANNAN
(Calibration Engineer)

End of the Report

Authorised By:

S. LAKSHMANIAN MURUGAN, Technical Manager Vanavil Calibrations Pvt Ltd.





(A Unit of Rainbow Bio Medical Engineers)

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S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

			CALIBRAT	TION (CERTIFICA	ATE			Page 01 of
Customer	Name ar	nd Address:		Cert	ificate No		: VCF	L/CC/2024	
		HOSPITAL PVT	LTD	SRF	No		: SRF	/24/60	
NC	D:14, THII	LAI NAGAR 15	T CROSS STREET,	Date	of Receip	ot	: 02-	09-2024	
' PO	MMANN	APET, SALEM	- 636 001.	Date	of Calibra	ation	: 02-	09-2024	
				Due	Date of C	alibration	: 01-	09-2025	
				Date	of Issue		: 03-	09-2024	
Description	n	: MICROPIPET	TE	Mod	el		: NA		
Make		: FLEXIPET		ID.N	0		: NA		
Range		: (100-1000) µ	d	Cond	lition of D	uc	: God	od	
Resolution	1	: 5µl		Calib	rated At		: ATI	.AB	
Serial Num	ber	: OJ523678		Prod	uct Code		:		
Instrumen	t Location	: BIO CHEMIS	TRY LAB						
Details of	Referen	e Standard							
SI.No			Description		ID.No/Sr	r.No	Certificate N	umber	Validity
1		We	ighing Balance	VCP	L/MLAB/S 76310		TSC/23-24/2	1389-1	28/03/2025
		Env	ironmental Condition	£		Reference	e Standard	ISO 865	5-6:2022
Temperatu	ure (°C)	21.4	Atmospheric Pressure (mbar)	1	983.5	Calibratio	on Procedure	VCPL/S	OP/08
Humidity (53.2	Water Temperature (°C)		25.65	Calibrate	d By	M.KANI	NAN

Calibration Results

					Calibra	tion itesure				
			71.1	700	Results of Cali	bration in µ	d	2	Z Facto	r : 1.009
SI.No.	Nominal Value			Observed Re	eading		Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		997.39	998.47	998.52	998.56	998.62	998.49	-1.51	0.40	
1	1000	998.70	998.68	998.65	998.72	998.63	330.43	1.51	0.10	
		504.11	504.13	504.09	504.13	504.29	504.14	4.14	0.21	0.13
2	500	504.35	504.27	504.18	503.59	504.27	304.14	and areas	0.22	0.25
_		92.55	92.54	92.59	92.47	92.43	93.13	-6.87	1.91	
3	100	92.51	92.55	98.57	92.60	92.52	33.13	-5.87	**	

Note:

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- 9. The Decision Rule will be applied based on the statement of conformity requested by the customer.

Calibrated By:

M.KANNAN

(Calibration Engineer)

End of the Report

Authorised By:

S. LAKSHMANAN MURUGAN, Technical Manager Vanavil Calibrations Pvt Ltd.





(A Unit of Rainbow Bio Medical Engineers)

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S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

Format No: VCPL/CL/F/109 Rev No : '00

							Rev Date : '01/03/2023			
					- France			e No:1 of 1		
	TO MEDI ICC/202A/0	80.08			MEDICAL DEVICE	3	03-09-2024			
Custom M/s	ICATE NO: VCPL/CC/2024/0 ler Name & Address: SARAVANA HOSPITAL PVT NO:14, THILLAI NAGAR 1ST SALEM - 636 001.	LTD		Issue Date SRF No Receipt Dat Calibration Calibration	Date Due	SRF/24/80 02-09-2024 02-09-2024 01-09-2025				
Name and Administration			Details of Device U	Inder Calibrat	ion (DUC)					
				T		ERLOG MANNHEIN & EM200				
Descript Range	/CULV	RICAL SAFETY AUTOMATED		Make & Mo Sr. No Asset No	odel		00347			
Resoluti	on :					: BIG	OCHEMISTRY LA	8		
DUC CO	ndition : GOOD		onmental Conditions	Location	Procedure Detail	s		Company of the Company of the Company		
		Envi	onmental Conditions	& Calibration	Relative Humidity		47% RH			
Environ	mental Details	Temperature:	25.6° C		Calibration done a		ONSITE			
Calibrati	on Procedure No	VCPL/CP/ME	0/22	The second second second second						
				tandards Det	2113		cate No	Validity		
S.No	Description		Make/ SI No:	1 10011005			HCC240088	05-Mar-25		
1	Electrical Safety An	alyzer	Flu	uke / 6014025	- 100 To					
RESUL	TS:				7					
			ELECT	RICAL SAFE	11	T	Uncertainty	/ in MΩ (±)		
S.NO	Specification	Meas	ured values in M Ω	Allowa	ible limit in MΩ	-	9.0			
-	Insulation Resistance	The state of the s	100		>2MΩ	500				
1		IN CONTROL AND A SECOND	ured values in μA	Allowa	able limit in µA		Uncertain	ty in % (±)		
	Specification	Weas	and the second of the second o	4011	µAfor B,BF,CF		2.4	48		
2	Earth Leakage		175.8		able limit in µA	1000	Uncertain	ty in % (±)		
	2 - Martin	Meas	ured Values in µA			-	2	48		
	Specification				µAfor B,BF,CF					

- 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.

SEAL

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

M.KANNAN (Calibration Engineer)

End of the Report

Authorised Signatory

Vanavil Calibrations Pvt Ltd.





(A Unit of Rainbow Bio Medical Engineers)

वानाविल केलिब्रेशनस

S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

VCPL/CL/F/55 -02

Certificate No: VCPL/CC/2023/060-04

Page: 1 of 1

Customer Name & Address :	Date of Issue	03-09-2024
M/s SARAVANA HOSPITAL PVT LTD	SRF Number	VCPL/2024/060
NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET,	Reciept Date	02-09-2024
SALEM - 636 001.	Date of Calibration	02-09-2024
24FEI4 - 020 00 II	Next Due Date	01-09-2025
	Calibrated At	ON SITE

Details of Device Under Calibration

Description	CENTRIFUGE	Make	REMI
Model / Type	R-8C	Range	500 to 6000 RPM
Serial No	CEN-01	Resolution	10 RPM
Asset / ID No	-	Accuracy	As Per Manual
Location	BIO CHEMISTRY LAB	DUC Condition	Good

Envirom	ental Conditions	Method Used For Calibration		
Temperature	24.4 °C	Reference Standard No	SANAS TR-45-03	
Humidity	54 %Rh	Calibration Procedure No	VCPL / SOP-03	

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Valid Upto	Traceability
		223-0098V	2004 05/5044/24040054 04	11-Apr-25	Equation
1	Digital Tachometer		2024-25/EQN/24040064-01		CC-2760

MECHANICAL - Speed & Acceleration

	Calibration Results									
S.No	DUC Reading		Standard Reading in RPM		Standard Reading (Mean)	Error	Uncertainty			
5.110	RPM	1 🏄	2	3	4	5	RPM	RPM	RPM	
1	500	500.1	500.3	500.5	500.1	500.2	500.24	-0.24	6.10	
2	1000	999.5	999.8	999.6	999.8	999.7	999.68	0.32	6.08	
3	1500	1499.5	1499.3	1499.6	1499.4	1499.2	1499.40	0.60	6.10	
4	2000	1999.2	1999.2	1999.1	1999.3	1999.5	1999.26	0.74	6.10	
5	2500	2499.1	2499.3	2499.1	2499.3	2499.1	2499.18	0.82	6.06	

Remarks:

- 1.DUC is defined as Device Under Calibration.
- 2. Calibration of the DUC are Traceable to National / International Standards.
- 3. Calibration Points & Frequency to be deceiced by the Customer.
- 4.The Measurement Uncertainty is Expressed at 95.45% confidence level coverage factor K=2.
- 5. This Certificate Refers only to the item Calibrated and shall not be reproduced in full without the written Approval of the Vanavil Calibrations.
- 6. The Reported results are valid at the time of under stated conditions of Measurement.

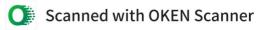
M.KANNAN
(Calibration Engineer)

SEAL OF CALIBRATION

Authorised By:

S.LAKSHMANAN MURUGAN

(Technical Manager)





वानाविल केलिब्रेशनस

S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

VCPL/CL/F/121-00

Certificate No: VCPL/CC/2023/060-05

Vanavil Calibrations

Page: 1 of 1

Customer Name & Address: M/s SARAVANA HOSPITAL PVT LTD

NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.

Date of Issue	03-09-2024
SRF Number	VCPL/2024/060
Reciept Date	02-09-2024
Date of Calibration	02-09-2024
Next Due Date	01-09-2025
Calibrated At	ON SITE

Details of Device Under Calibration

Description	DIGITAL TIMER - CENTRIFUGE	Make	REMI
Model / Type	R-8C	Range	1 to 99 min
Serial No	CEN-01	Resolution	1 sec
Asset / ID No	-	Accuracy	As Per Manual
Location	BIO CHEMISTRY LAB	DUC Condition	Good

Environ	nental Conditions	A	Method Used For Calibration				
Temperature	24.3 °C	Ref	erence Standard No	SANAS TR-45-03			
Humidity	52 %Rh	Cali	bration Procedure No	VCPL / SOP-12			

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Valid Upto	Traceability
1	Time Interval Meter	202404001	M02/149 (2023-2024)	23-Feb-24	ZEAL CC-3385

ELECTRO TECHNICAL - Time

Calibration Results													
S.No		DUC R	eading		7 11 11	Standard Reading			Error				Uncertainty
5.NO	Hr	Min	Sec	ms	Hr	Min	Sec	ms	Hr	Min	Sec	ms	(±) Sec
1	0	5	0	. 0	0	5	0	23	0	0	0	-23	2.12
2	0	10	0	0	0	10	0	32	0	0	0	-32	3.14
٦ ٦	0	20	0	0	0	20	0	51	0	0	0	-51	1.36
4	0	30	0	0	0	30	0	53	0	0	0	-53	3.14
	0	60	0	0	1	0	0	64	0	0	0	-64	4.22

Remarks:

- 1.DUC is defined as Device Under Calibration.
- 2. Calibration of the DUC are Traceable to National / International Standards.
- 3. Calibration Points & Frequency to be deceiced by the Customer.
- 4.The Measurement Uncertainty is Expressed at 95.45% confidence level coverage factor K=2.
- 5. This Certificate Refers only to the item Calibrated and shall not be reproduced in full without the written Approval of the Vanavil Calibrations.

6. The Reported results are valid at the time of under stated conditions of Measurement.

Calibrated By

M.KANNAN

(Calibration Engineer)

Authorised By:

s law S.LAKSHMANAN MURUGAN (Technical Manager)

Admin Off: No. 96, 97, 98, Anadhamaya Apartments, 2nd Floor, KVR Flats, 2nd Cross Street, Thangam Nagar, Pallikaranai, Chennai - 600 100.

Cell: 99949 13872 / 99949 23872 Ph: 0427-7965376





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S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44 -02

Certificate No: VCPL/CC/2023/060-02

Page: 1 of 1

Customer Name & Address	:
M/s SARAVANA HOSPITAL	PVT LTD

NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.

Date of Issue	03-09-2024
SRF Number	VCPL/2024/060
Reciept Date	02-09-2024
Date of Calibration	02-09-2024
Next Due Date	01-09-2025
Calibrated At	ON SITE

Details of Device Under Calibration

	Details of Details of De	77100 0 114121	
Description	DIGITAL THERMOMETER WITH SENSOR	Make	MULTI
	ST-9283B	Range	-50 to 30 °C
Model / Type			0.1 °C
Serial No	DTM-01	Resolution	
Asset / ID No	-	Accuracy	As Per Manual
Location	BIO CHEMISTRY LAB	DUC Condition	Good
Location	2.0 3.12.10.11.1 2.12		

Fnvirome	ntal Conditions	Method Used Fo	Method Used For Calibration		
Temperature	24.4 °C	Reference Standard No	DKD-R 5-1		
Humidity	54 %Rh	Calibration Procedure No	VCPL / SOP-08		

Details of Standard Equipment Used For Calibration

Details of Standard Equipment Osed for Catalacters					
CNa	Description	ID.No / SL.No	Certificate No	Valid Upto	Traceability
S.No	Description	and the state of			HITECH
1	RTD Sensor	736	HT/CC/24056-03/001	5-May-25	CC-2151
·		S PRINCES.	****	05E	Wavecal
2 6.5 Digital Multimeter	TW00052847	24-137-01	6-May-25	CL-251	
	_	and the second s	1794 AND 1993	450	

THERMAL - Temperature

	Calibration Results								
	STD Reading	S 400 160	DUC	Reading	in °C	sie Fall	DUC Reading (Mean)	Error	Uncertainty
S.No	°C	1	2	3	4	5	°C	°C	°C
-	-40.0	-39.8	-39.6	-39.9	-39.8	-39.9	-39.80	-0.20	0.21
1		0.0	0.1	0.0	0.1	0.0	0.04	-0.04	0.19
2	0.0		19.8	19.5	19.8	19.7	19.68	0.32	0.22
3	20.0	19.6		29.2	29.6	29.5	29.42	0.58	0.24
4	30.0	29.5	29.3				39.20	0.80	0.20
. 5	40.0	39.1	39.3	39.3	39.2	39.1	39.20	0.00	

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6.The Reported results are valid at the time of under stated conditions of Measurement.

M.KANNAN

(Calibration Engineer)

SEAL OF CALIBRATION

End of the Report

Authorised By:

S.LAKSHMANAN MURUGAN

(Technical Manager)





(A Unit of Rainbow Bio Medical Engineers)

वानाविल केलिब्रेशनस

S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44 -02

Page: 1 of 1

Certificate No: VCPL/CC/2023/060-03

Customer Name & Address:	Date of Issue	03-09-2024
M/s SARAVANA HOSPITAL PVT LTD	SRF Number	VCPL/2024/060
NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET,	Reciept Date	02-09-2024
SALEM - 636 001.	Date of Calibration	02-09-2024
	Next Due Date	01-09-2025
	Calibrated At	ON SITE

Details of Device Under Calibration

Description	DIGITAL THERMOMETER WITH SENSOR	Make	FUJITECH
Model / Type	ST-9283B	Range	-50 to 30 °C
Serial No	DTM-02	Resolution	0.1 °C
Asset / ID No	-	Accuracy	As Per Manual
Location	BIO CHEMISTRY LAB	DUC Condition	Good

Enviroment	al Conditions	Method Used Fo	Method Used For Calibration		
Temperature	24.4 °C	Reference Standard No	DKD-R 5-1		
Humidity	54 %Rh	Calibration Procedure No	VCPL / SOP-08		

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Valid Upto	Traceability
1	RTD Sensor	736	HT/CC/24056-03/001	5-May-25	HITECH CC-2151
2	6.5 Digital Multimeter	TW00052847	24-137-01	6-May-25	Wavecal CL-251

THERMAL - Temperature

	Calibration Results								
STD Reading		DUC Reading in °C					DUC Reading (Mean)	Error	Uncertainty
	°C	1	2	3	4	5	°C	°C	°C
1	-30.0	-30.1	-30.3	-30.2	-30.3	-30.1	-30.20	0.20	0.20
2	0.0	0.0	0.0	0.0	0.1	0.0	0.02	-0.02	0.19
3	10.0	9.9	9.7	9.8	9.9	9.7	9.80	0.20	0.20
4	30.0	29.6	29.8	29.6	29.8	29.4	29.64	0.36	0.24
5	50.0	49.5	49.3	49.5	49.2	49.6	49.42	0.58	0.24

Remarks:

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6.The Reported results are valid at the time of under stated conditions of Measurement.

Calibrated By:

M.KANNAN

(Calibration Engineer)

SEAL OF CALIBRATION

End of the Report

Authorised By:

S.LAKSHMANAN MURUGAN
(Technical Manager)



(A Unit of Rainbow Bio Medical Engineers)

वानाविल केलिब्रेशनस

S2, Rishi Maharaj Apartment, Indra Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44 -02

Certificate No: VCPL/CC/2023/060-01

Page: 1 of 1

Customer Name & Address:	Date of Issue	03-09-2024
M/s SARAVANA HOSPITAL PVT LTD	SRF Number	VCPL/2024/060
NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET,	Reciept Date	02-09-2024
SALEM - 636 001.	Date of Calibration	02-09-2024
	Next Due Date	01-09-2025
	Calibrated At	ON SITE

Details of Device Under Calibration

Description	THERMOMETER	Make	ZEAL
Model / Type	-	Range	-40 to 50 °C
Serial No	RT-01	Resolution	2 °C
Asset / ID No	•	Accuracy	As Per Manual
Location	BIO CHEMISTRY LAB	DUC Condition	Good

Enviromer	ital Conditions	Method Used Fo	or Calibration
Temperature	24.2 °C	Reference Standard No	DKD-R 5-1
Humidity	50 %Rh	Calibration Procedure No	VCPL / SOP-08

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Valid Upto	Traceability
1	RTD Sensor	736	HT/CC/24056-03/001	5-May-25	HITECH CC-2151
2	6.5 Digital Multimeter	TW00052847	24-137-01	6-May-25	Wavecal CL-251

THERMAL - Temperature

Calibration Results												
S.No	STD Reading	DUC Reading in °C					DUC Reading (Mean)	Error	Uncertainty			
	°C	1	2	3	4	5	°C	°C	°C			
1	-40	-39.7	-39.8	-39.6	-39.9	-39.8	-39.76	-0.24	1.17			
2	0	0.1	0.1	0.0	0.1	0.1	0.08	-0.08	1.17			
3	20	19.5	19.8	19.7	19.9	19.8	19.74	0.26	1.18			
4	30	29.6	29.8	29.5	29.6	29.1	29.52	0.48	1.19			
5	40	38.9	38.7	39.9	39.8	39.7	39.40	0.60	1.27			

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Calibrated By:

(Calibration Engineer)

SEAL OF CALIBRATION

Authorised By:

3 (Cum

S.LAKSHMANAN MURUGAN

(Technical Manager)

