

CALIBRATION CERTIFICATE

Page 01 of 01

Customer Name and Address: M/s SARAVANA HOSPITAL PVT LTD NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.		Certificate No : VCPL/CC/2024/060-07
		SRF No : SRF/24/60
		Date of Receipt : 02-09-2024
		Date of Calibration : 02-09-2024
		Due Date of Calibration : 01-09-2025
		Date of Issue : 03-09-2024

Description : MICROPIPETTE		Model : NA
Make : DRAGON LAB		ID.No : NA
Range : (5 - 50) µl		Condition of DUC : Good
Resolution : 0.5µl		Calibrated At : Lab
Serial Number : YE2184V0003268		Product Code : --
Instrument Location : BIO CHEMISTRY LAB		

Details of Reference Standard					
Sl.No	Description	ID.No/Sr.No	Certificate Number	Validity	
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TSC/23-24/21389-1	28/03/2025	
Environmental Condition			Reference Standard	ISO 8655-6:2022	
Temperature (°C)	21.4	Atmospheric Pressure (mbar)	983.5	Calibration Procedure	VCPL/SOP/08
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By	M.KANNAN

Calibration Results

Results of Calibration in µl

Z Factor : 1.009

Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	50.0	50.36	50.34	50.33	50.30	50.36	50.32	0.32	0.04	0.01
		50.30	50.36	50.30	50.27	50.26				
2	20.0	19.99	19.89	19.91	20.00	19.89	19.93	-0.07	0.05	0.01
		19.91	20.00	19.89	19.91	19.89				
3	5.0	5.96	5.86	5.84	5.90	5.96	5.90	0.90	0.06	0.01
		5.80	5.91	5.96	5.83	5.91				

Note:

- The Standards used are traceable to National / International Standards.
- This Certificate refers only to the item calibrated and shall not be reproduced in full without the written approval of the issuing laboratory.
- This Certificate is not valid unless it is signed by the authorized signatory.
- Next Calibration due date mentioned as per customer requirement.
- The result is valid at the time of and under the stated conditions of measurement.
- The measurement confidence level is 95.45% with coverage factor K=2.
- UUC stands for Unit Under Calibration.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- The Decision Rule will be applied based on the statement of conformity requested by the customer.

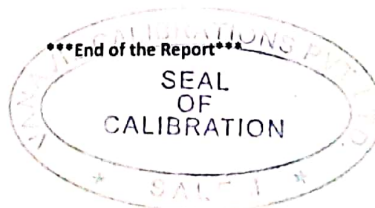
Calibrated By :

M.KANNAN

(Calibration Engineer)

Authorised By :

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

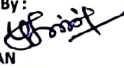


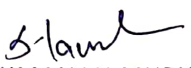
CALIBRATION CERTIFICATE				Page 01 of 01
Customer Name and Address: M/s SARAVANA HOSPITAL PVT LTD NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.		Certificate No : VCPL/CC/2024/060-08 SRF No : SRF/24/60 Date of Receipt : 02-09-2024 Date of Calibration : 02-09-2024 Due Date of Calibration : 01-09-2025 Date of Issue : 03-09-2024		
Details of Device Under Calibration				
Description : MICROPIPETTE Make : PIOPETTE Range : 100 µl Resolution : FIXED Serial Number : 10044700 Instrument Location : BIO CHEMISTRY LAB		Model : NA ID.No : NA Condition of DUC : Good Calibrated At : Lab Product Code : -		
Details of Reference Standard				
Sl.No	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TSC/23-24/21389-1	28/03/2025
Environmental Condition			Reference Standard	ISO 8655-6:2022
Temperature (°C)	21.4	Atmospheric Pressure (mbar)	983.5	Calibration Procedure
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By
				M.KANNAN

Calibration Results										
Results of Calibration in µl									Z Factor : 1.009	
Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	100.59	100.55	100.61	100.76	100.76	100.63	0.63	0.09	0.03
		100.71	100.69	100.59	100.58	100.53				

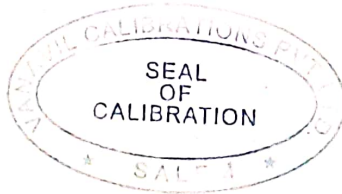
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- UUC stands for Unit Under Calibration.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- The Decision Rule will be applied based on the statement of conformity requested by the customer.

Calibrated By :

M.KANNAN
(Calibration Engineer)

Authorised By :

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

End of the Report





Vanavil Calibrations
Make It Simple, But Significant!

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					Page 01 of 01
Customer Name and Address: M/s SARAVANA HOSPITAL PVT LTD NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.			Certificate No : VCPL/CC/2024/060-09 SRF No : SRF/24/60 Date of Receipt : 02-09-2024 Date of Calibration : 02-09-2024 Due Date of Calibration : 01-09-2025 Date of Issue : 03-09-2024		
Description : MICROPIPETTE Make : P-FACT Range : (10-100) µl Resolution : 0.5µl Serial Number : MC404665 Instrument Location : BIO CHEMISTRY LAB			Model : NA ID.No : NA Condition of DUC : Good Calibrated At : AT LAB Product Code : --		
Details of Reference Standard					
Sl.No	Description	ID.No/Sr.No	Certificate Number	Validity	
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TSC/23-24/21389-1	28/03/2025	
Environmental Condition			Reference Standard	ISO 8655-6:2022	
Temperature (°C)	21.4	Atmospheric Pressure (mbar)	983.5	Calibration Procedure	VCPL/SOP/08
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By	M.KANNAN

Calibration Results										
Results of Calibration in µl									Z Factor	1.009
Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100.0	92.72	92.68	92.68	92.65	92.72	93.20	-6.80	1.64	0.55
		92.68	92.65	97.87	92.69	92.70				
2	50.0	50.30	50.26	50.36	50.30	49.15	50.05	0.05	0.46	
		49.23	50.14	50.19	50.30	50.26				
3	10.0	9.90	9.98	9.90	10.00	9.94	9.94	-0.06	0.04	
		9.95	9.94	9.96	9.92	9.90				

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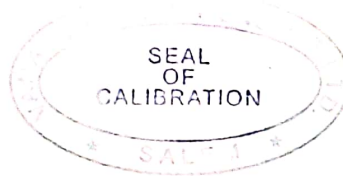
Calibrated By:

M.KANNAN
(Calibration Engineer)

Authorised By:

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

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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CALIBRATION CERTIFICATE		Page 01 of 01
Customer Name and Address: M/s SARAVANA HOSPITAL PVT LTD NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.		Certificate No : VCPL/CC/2024/060-10 SRF No : SRF/24/60 Date of Receipt : 02-09-2024 Date of Calibration : 02-09-2024 Due Date of Calibration : 01-09-2025 Date of Issue : 03-09-2024

Description : MICROPIPETTE	Model : NA
Make : P-FACT	ID.No : NA
Range : (100-1000) µl	Condition of DUC : Good
Resolution : 5µl	Calibrated At : AT LAB
Serial Number : 374483	Product Code : -
Instrument Location : BIO CHEMISTRY LAB	

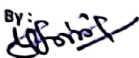
Details of Reference Standard				
Sl.No	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TSC/23-24/21389-1	28/03/2025
Environmental Condition			Reference Standard	ISO 8655-6:2022
Temperature (°C)	21.4	Atmospheric Pressure (mbar)	983.5	Calibration Procedure
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By
				M.KANNAN

Calibration Results															
Results of Calibration in µl										Z Factor : 1.009					
Sl.No	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)					
1	1000	997.40	998.79	998.66	998.66	998.72	998.61	-1.39	0.43	0.14					
		998.79	998.76	998.79	998.76	998.76									
2	500	504.15	504.18	504.18	504.36	504.32	504.28	4.28	0.08			0.14			
		504.31	504.32	504.36	504.32	504.32									
3	100	92.72	92.68	92.68	92.65	92.72	93.20	-6.80	1.64					0.14	
		92.68	92.65	97.87	92.69	92.70									

Note:

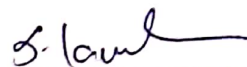
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Calibrated By :



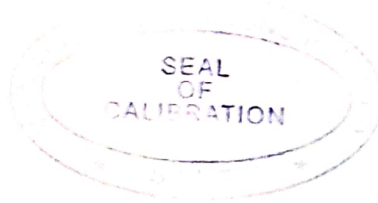
M.KANNAN
(Calibration Engineer)

Authorised By :



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

End of the Report



CALIBRATION CERTIFICATE		Page 01 of 01
Customer Name and Address: M/s SARAVANA HOSPITAL PVT LTD NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.		Certificate No : VCPL/CC/2024/060-11 SRF No : SRF/24/60 Date of Receipt : 02-09-2024 Date of Calibration : 02-09-2024 Due Date of Calibration : 01-09-2025 Date of Issue : 03-09-2024

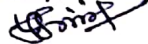
Description : MICROPIPETTE Make : FLEXIPET Range : (100-1000) µl Resolution : 5µl Serial Number : OJ523678 Instrument Location : BIO CHEMISTRY LAB	Model : NA ID.No : NA Condition of DUC : Good Calibrated At : AT LAB Product Code : --
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Details of Reference Standard				
SI.No	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TSC/23-24/21389-1	28/03/2025
Environmental Condition			Reference Standard	ISO 8655-6:2022
Temperature (°C)	21.4	Atmospheric Pressure (mbar)	983.5	Calibration Procedure
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By
				M.KANNAN

Calibration Results										Z Factor : 1.009
Results of Calibration in µl										
SI.No	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	1000	997.39	998.47	998.52	998.56	998.62	998.49	-1.51	0.40	0.13
		998.70	998.68	998.65	998.72	998.63				
2	500	504.11	504.13	504.09	504.13	504.29	504.14	4.14	0.21	
		504.35	504.27	504.18	503.59	504.27				
3	100	92.55	92.54	92.59	92.47	92.43	93.13	-6.87	1.91	
		92.51	92.55	98.57	92.60	92.52				

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Calibrated By :

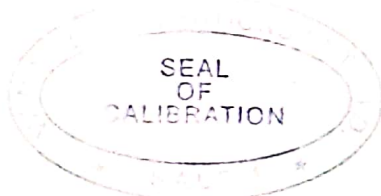

M.KANNAN

(Calibration Engineer)

Authorised By :


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

End of the Report



CALIBRATION CERTIFICATE

Format No : VCPL/CL/F/109

Rev No : '00

Rev Date : '01/03/2023

Page No 1 of 1

CERTIFICATE NO: VCPL/CC/2024/060-06		MEDICAL DEVICES	
Customer Name & Address: M/s SARAVANA HOSPITAL PVT LTD NO.14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.		Issue Date : 03-09-2024	SRF No : SRF/24/60
		Receipt Date : 02-09-2024	Calibration Date : 02-09-2024
		Calibration Due : 01-09-2025	
Details of Device Under Calibration (DUC)			
Description : ELECTRICAL SAFETY (FULLY AUTOMATED ANALYZER)		Make & Model : ERLOG MANNHEIN & EM200	
Range : -		Sr. No : S200347	
Resolution : -		Asset No : -	
DUC Condition : GOOD		Location : BIOCHEMISTRY LAB	
Environmental Conditions & Calibration Procedure Details			
Environmental Details	Temperature: 25.6° C	Relative Humidity	47% RH
Calibration Procedure No	VCPL/CP/MD/22	Calibration done at	ONSITE
Reference Standards Details			
S.No	Description	Make/ SI No:	Certificate No
1	Electrical Safety Analyzer	Fluke / 6014025	OHCC240088
			Validity
			05-Mar-25

RESULTS:

ELECTRICAL SAFETY				
S.NO	Specification	Measured values In MΩ	Allowable limit in MΩ	Uncertainty in MΩ (±)
1	Insulation Resistance	100	>2MΩ	9.00
	Specification	Measured values In μA	Allowable limit in μA	Uncertainty in % (±)
2	Earth Leakage	175.8	<5000μAfor B,BF,CF	2.48
	Specification	Measured Values in μA	Allowable limit in μA	Uncertainty in % (±)
3	Enclosure Leakage	138.2	<500μAfor B,BF,CF	2.48

REMARKS

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

Calibrated By

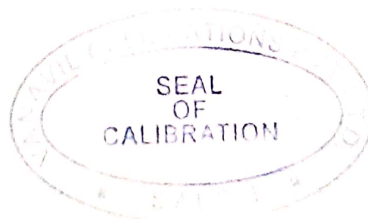
M.KANNAN

(Calibration Engineer)

End of the Report

Authorised Signatory

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



CALIBRATION CERTIFICATE

VCPL/CL/F/55 -02

Page : 1 of 1

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

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	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	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

Enviromental 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
1	Digital Tachometer	223-0098V	2024-25/EQN/24040064-01	11-Apr-25	Equation CC-2760

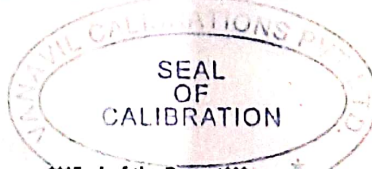
MECHANICAL - Speed & Acceleration

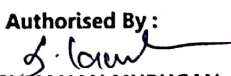
Calibration Results									
S.No	DUC Reading	Standard Reading in RPM					Standard Reading (Mean)	Error	Uncertainty
	RPM	1	2	3	4	5	RPM	RPM	RPM
1	500	500.1	500.3	500.5	500.1	500.2	500.24	-0.24	6.10
2	1000	999.5	999.8	999.6	999.8	999.7	999.68	0.32	6.08
3	1500	1499.5	1499.3	1499.6	1499.4	1499.2	1499.40	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 :

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

Calibrated By : 
M.KANNAN
(Calibration Engineer)



Authorised By : 
S.LAKSHMANAN MURUGAN
(Technical Manager)

CALIBRATION CERTIFICATE

VCPL/CL/F/121-00

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

Page : 1 of 1

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	SRF Number	VCPL/2024/060
	Receipt 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

Environmental Conditions		Method Used For Calibration	
Temperature	24.3 °C	Reference Standard No	SANAS TR-45-03
Humidity	52 %Rh	Calibration 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

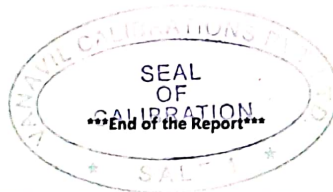
Calibration Results													
S.No	DUC Reading				Standard Reading				Error				Uncertainty (±) Sec
	Hr	Min	Sec	ms	Hr	Min	Sec	ms	Hr	Min	Sec	ms	
1	0	5	0	0	0	5	0	23	0	0	0	-23	2.12
2	0	10	0	0	0	10	0	32	0	0	0	-32	3.14
3	0	20	0	0	0	20	0	51	0	0	0	-51	1.36
4	0	30	0	0	0	30	0	53	0	0	0	-53	3.14
5	0	60	0	0	1	0	0	64	0	0	0	-64	4.22

Remarks :

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M.KANNAN
(Calibration Engineer)



Authorised By :


S.LAKSHMANAN MURUGAN
(Technical Manager)

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44 -02

Page : 1 of 1

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

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
	Receipt Date	02-09-2024
	Date of Calibration	02-09-2024
	Next Due Date	01-09-2025
	Calibrated At	ON SITE

Details of Details of Device Under Calibration

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

Environmental Conditions		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

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

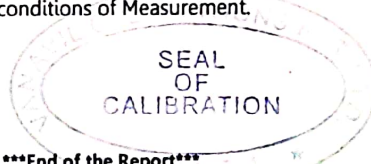
Remarks :

- 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)



End of the Report

Authorised By :

S.LAKSHMANAN MURUGAN

(Technical Manager)



CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44 -02

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

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
	Receipt Date	02-09-2024
	Date of Calibration	02-09-2024
	Next Due Date	01-09-2025
	Calibrated At	ON SITE

Details of 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

Environmental Conditions		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									
S.No	STD Reading °C	DUC Reading in °C					DUC Reading (Mean) °C	Error °C	Uncertainty °C
		1	2	3	4	5			
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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- Calibration of the DUC are Traceable to National / International Standards.
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Calibrated By :

M.KANNAN

(Calibration Engineer)



Authorised By :

S.LAKSHMANAN MURUGAN

(Technical Manager)

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44 -02

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

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
	Receipt Date	02-09-2024
	Date of Calibration	02-09-2024
	Next Due Date	01-09-2025
	Calibrated At	ON SITE

Details of 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

Environmental Conditions		Method Used For 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 °C	DUC Reading in °C					DUC Reading (Mean) °C	Error °C	Uncertainty °C
		1	2	3	4	5			
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

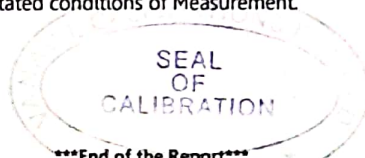
Remarks :

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Calibrated By :

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Authorised By :

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(Technical Manager)

