

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44
Rev : 01
Rev Date : 13-03-2023

Certificate No : VCPL/CC/2023/056-03

Page : 1 of 1

ULR No : CC346723000000504F

Customer Name & Address :		Date of Issue	3-Nov-2023
M/s BIO MICRO LABORATORIES NO:67, OPP SURAMANGALM POLICE STATION, SURAMANGALAM, SALEM-636 005.		SRF Number	VCPL/2023/056
		Receipt Date	2-Nov-2023
		Date of Calibration	2-Nov-2023
		Next Due Date	2-May-2024
Customer Reference : Work Order		Calibrated At	ON SITE

Details of Device Under Calibration

Description	TEMPERATURE INDICATOR OF (INCUBATOR)	Make	ROTEK
Model / Type	RI-1455	Range	10 to 110 °C
Serial No	15183	Resolution	5 °C
Asset / ID No	BML-CP5	Accuracy	As Per Manual
Location	LAB	DUC Condition	Good

Environmental Conditions		Method Used For Calibration	
Temperature	24.3 °C	Reference Standard No	DKD-R 5-7
Humidity	52 %Rh	Calibration Procedure No	VCPL / SOP-02

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Validity
1	Digital RTD Thermometer with Sensor	180508680	HTA/C19356/01/22	23-Dec-2023

Calibration Result

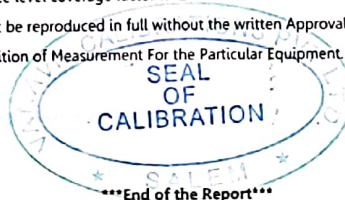
S.No	DUC Reading	Standard Reading in °C					Standard Reading (Mean)	Error	Uncertainty
		°C	1	2	3	4			
1	35	34.98	34.97	34.96	34.96	34.96	34.97	0.03	2.89
2	40	39.93	39.93	39.92	39.92	39.92	39.92	0.08	2.89
3	50	49.88	49.86	49.86	49.85	49.85	49.86	0.14	2.89
4	60	59.82	59.82	59.82	59.81	59.81	59.82	0.18	2.89
5	80	79.78	79.77	79.76	79.76	79.75	79.76	0.24	2.89

Remarks:

- 1.DUC is defined as Device Under Calibration.
- 2.Calibration of the DUC are traceable to National/International Standards.
- 3.Calibration Frequency shall be decided 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 condition of Measurement For the Particular Equipment.

Calibrated By :

R.GOPALAKRISHNAN
(Calibration Engineer)



Authorised By :

M. KANNAN,
Technical Manager
Vanavil Calibrations Pvt Ltd.

Vanavil Calibrations Pvt. Ltd

(A Unit of Rainbow Bio Medical Engineers)

S2, Rishi Maharaj Apartment, Indira Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004

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

Web : vanavilcalibrations.com | Email : vanavilcalibrations@gmail.com



Vanavil Calibrations

Make It Simple, But Significant I

CALIBRATION CERTIFICATE



Format : VCPL/CC/FF/AA
Rev : 01
Rev Date : 13-03-2023

Certificate No : VCPL/CC/2023/056-04

ULR No : CC34672300000505F

Page : 1 of 1

Customer Name & Address :		Date of Issue	3-Nov-2023
M/s BIO MICRO LABORATORIES NO:67, OPP SURAMANGALM POLICE STATION, SURAMANGALAM, SALEM-636 005.		SRF Number	VCPL/2023/056
		Receipt Date	2-Nov-2023
		Date of Calibration	2-Nov-2023
		Next Due Date	2-May-2024
Customer Reference : Work Order		Calibrated At	ON SITE

Details of Device Under Calibration

Description	TEMPERATURE INDICATOR OF (REFRIGERATOR)	Make	WHIRLPOOL
Model / Type	DC230F/2019	Range	2 to 8 °C
Serial No	W11282851194415602	Resolution	1 °C
Asset / ID No	BML-CP9	Accuracy	As Per Manual
Location	LAB	DUC Condition	Good

Environmental Conditions		Method Used For Calibration	
Temperature	24.3 °C	Reference Standard No	DKD-R 5-7
Humidity	52 %Rh	Calibration Procedure No	VCPL / SOP-02

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Validity
1	Digital RTD Thermometer with Sensor	180508680	HTA/C19356/01/22	23-Dec-2023

Calibration Result

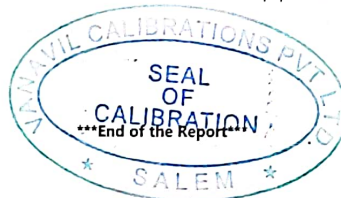
S.No	DUC Reading	Standard Reading in °C					Standard Reading (Mean)	Error	Uncertainty
		1	2	3	4	5			
	°C						°C	°C	±°C
1	2	1.98	1.99	1.99	1.97	1.99	1.98	0.02	0.60
2	3	2.96	2.94	2.94	2.96	2.95	2.95	0.05	0.60
3	5	4.92	4.91	4.91	4.92	4.92	4.92	0.08	0.60
4	6	5.88	5.88	5.88	5.87	5.88	5.88	0.12	0.60
5	8	7.81	7.81	7.81	7.82	7.82	7.81	0.19	0.60

Remarks:

- DUC is defined as Device Under Calibration.
- Calibration of the DUC are traceable to National/International Standards.
- Calibration Frequency shall be decided 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 condition of Measurement For the Particular Equipment.

Calibrated By :

R.GOPALAKRISHNAN
(Calibration Engineer)



Authorised By :

M. KANNAN,
Technical Manager
Vanavil Calibrations Pvt Ltd.

Vanavil Calibrations Pvt. Ltd

(A Unit of Rainbow Bio Medical Engineers)

S2, Rishi Maharaj Apartment, Indira Nagar, 250 Reddiyur Main Road, Narasothipatty, Salem - 636 004

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

Web : vanavilcalibrations.com | Email : vanavilcalibrations@gmail.com



Scanned with OKEN Scanner

Certificate No : VCPL/CC/2023/056-05

ULR No : CC34672300000506F

Page : 1 of 1

Customer Name & Address :		Date of Issue	3-Nov-2023
M/s BIO MICRO LABORATORIES NO:67, OPP SURAMANGALM POLICE STATION, SURAMANGALAM, SALEM-636 005.		SRF Number	VCPL/2023/056
		Receipt Date	2-Nov-2023
		Date of Calibration	2-Nov-2023
		Next Due Date	2-May-2024
Customer Reference : Work Order		Calibrated At	ON SITE

Details of Device Under Calibration

Description	TEMPERATURE INDICATOR OF (REFRIGERATOR)	Make	KELVINATOR
Model / Type	KWL225	Range	2 to 8 °C
Serial No	KWL225STWT-FDA	Resolution	1 °C
Asset / ID No	BML-CP10	Accuracy	As Per Manual
Location	LAB	DUC Condition	Good

Enviromental Conditions		Method Used For Calibration	
Temperature	24.3 °C	Reference Standard No	DKD-R 5-7
Humidity	52 %Rh	Calibration Procedure No	VCPL / SOP-02

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Validity
1	Digital RTD Thermometer with Sensor	180508680	HTA/C19356/01/22	23-Dec-2023

Calibration Result

S.No	DUC Reading	Standard Reading in °C					Standard Reading (Mean)	Error	Uncertainty
		1	2	3	4	5			
	°C						°C	°C	±°C
1	2	1.99	1.98	1.98	1.98	1.99	1.98	0.02	0.60
2	3	2.96	2.94	2.97	2.96	2.95	2.96	0.04	0.60
3	5	4.92	4.93	4.93	4.93	4.92	4.93	0.07	0.60
4	6	5.86	5.87	5.88	5.87	5.88	5.87	0.13	0.60
5	8	7.83	7.83	7.81	7.84	7.82	7.83	0.17	0.60

Remarks:

- DUC is defined as Device Under Calibration.
- Calibration of the DUC are traceable to National/International Standards.
- Calibration Frequency shall be decided 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 condition of Measurement For the Particular Equipment.

Calibrated By :


R.GOPALAKRISHNAN
(Calibration Engineer)

Authorised By :


M. KANNAN,
Technical Manager
Vanavil Calibrations Pvt Ltd.

End of the Report

Vanavil Calibrations Pvt. Ltd
(A Unit of Rainbow Bio Medical Engineers)

S2, Rishi Maharaj Apartment, Indira Nagar, 250 Reddiyar Main Road, Narasothipatty, Salem - 636 004

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

Web : vanavilcalibrations.com | Email : vanavilcalibrations@gmail.com