

## CALIBRATION CERTIFICATE

Format No: VCPL/CL/F/42

Rev No: 01

Date: 13-03-2023

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Certificate No VCPL/CC/2023/047-01

ULR No : CC34672300000401F

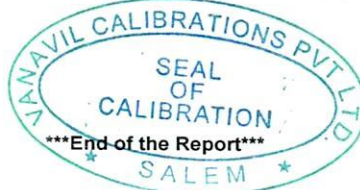
<b>Customer Name &amp; Address :</b>		Date of Issue	6-Oct-2023						
<b>M/s</b> GOVERNMENT PRIMARY HEALTH CENTRE KOLATHUR, METTUR (T.K.) - 636 303		SRF Number	VCPL/2023/047						
		Receipt Date	5-Oct-2023						
		Date of Calibration	5-Oct-2023						
		Next Due Date	4-Oct-2024						
Customer Reference : Work Order		Calibrated At	On Site						
<b>Details of Device Under Calibration</b>									
Description	CENTRIFUGE	Make	REMI						
Model / Type		Range	1000 TO 3500 RPM						
Serial No	-	Resolution	10 RPM						
Asset No	KGPHC/CEN/01	Accuracy	As Per Manual						
Location	PHC - LAB	DUC Condition	Good						
<b>Enviromental Conditions</b>		<b>Method Used For Calibration</b>							
Temperature	25.3 °C	Reference Standard No	SANAS TR 45-02						
Humidity	51 %Rh	Calibration Procedure No	VCPL/SOP-03						
<b>Details of Standard Equipment Used For Calibration</b>									
S.No	Description	ID.No / SL.No	Certificate No	Validity					
1	Digital Tachometer	20-224	HT/CC/221202-03/005	4-Dec-2023					
<b>Calibration Result</b>									
S.No	DUC Reading	Standard Reading in RPM					Standard Reading ( Mean )	Error	Uncertainty
		1	2	3	4	5			
	RPM						RPM	RPM	±RPM
1	1000	999.8	999.7	999.7	999.6	999.7	999.70	0.30	12.55
2	1500	1495	1495	1496	1496	1496	1495.33	4.67	12.57
3	2000	1994	1994	1995	1995	1995	1994.33	5.67	12.57
4	3000	2992	2992	2992	2993	2994	2992.00	8.00	12.55
5	3500	3491	3491	3491	3492	3493	3491.00	9.00	12.55

**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 Pvt Ltd.
- The Reported results are valid at the time of under stated condition of Measurement for the Particular Equipment.

Calibrated By :

  
C.AKASH  
(Calibration Engineer)



Authorised By :

  
T. SUDHAKAR,  
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



## CALIBRATION CERTIFICATE

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<b>Customer Name &amp; Address:</b> M/S GOVERNMENT PRIMARY HEALTH CENTRE , KOLATHUR , METTUR (T.K.) 636 303	SRF No:	VCPL/2023/047
	Date of Calibration:	05-10-2023
	Date of issue:	06-10-2023
	Date of Receipt:	05-10-2023
	Next cal Date:	04-10-2024

### Details of Device Under Calibration

Description:	MICROPIPETTE	Make:	MICROLUX
Range:	( 10 to 50 ) $\mu$ l	Model/Type:	-
Resolution:	1 $\mu$ l	Condition of DUC	GOOD
Serial Number	-	Location:	PHC -LAB
ID number	KGPHC/MP/01	Cal. At:	LAB

### Environmental Conditions

Temperature	23.6 °C	<b>Calibration Method Used</b>	ISO 8655:2002 PART-6
Humidity	51 % Rh	Cal procedure no:	-

### Calibration Method Used

### Master Details

SL no:	Description	ID No / SL No	Certificate No	Make/Model	Valid Till
1	ELECTRONIC BALANCE	16031172	E-150323-1	WINTECH	15-03-2024

### RESULT OF CALIBRATION

S.NO	Duc Readings ( $\mu$ l )	Standard Reading Mean Value ( mg )	ERROR (mg)
1	10	9.93	0.07
2	25	24.89	0.11
3	50	49.84	0.16

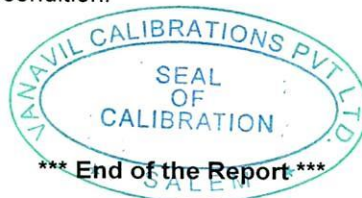
### Remarks:

- 1.DUC is Defined as Device Under Calibration.
- 2.Calibration Frequency decided by the customer.
- 3.The above instrument is working in good condition.

Calibrated By:

  
C.AKASH

(CALIBRATION ENGINEER)



Authorised by:

  
T. SUDHAHAR,  
Technical Manager

Vanavil Calibrations Pvt Ltd.

## Vanavil Calibrations Pvt. Ltd

(A Unit of Rainbow Bio Medical Engineers)

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

No. 96,97,98, Anadhamaya Apartments, 2<sup>nd</sup> Floor, KVR Flats, 2<sup>nd</sup> Cross Street, Thangam Nagar, Pallikaranai, Chennai - 600 100.

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✉ vanavilcalibrations@gmail.com 🌐 www.rainbowbiomedicalengineers.com | www.vanavilcalibrations.com



## CALIBRATION CERTIFICATE

Certificate No: VCPL/CC/2023/047-03

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<b>Customer Name &amp; Address:</b> M/S GOVERNMENT PRIMARY HEALTH CENTRE , SATHYANAGAR , METTUR (T.K.) 636 303	SRF No:	VCPL/2023/047
	Date of Calibration:	05-10-2023
	Date of issue:	06-10-2023
	Date of Receipt:	05-10-2023
	Next cal Date:	04-10-2024

### Details of Device Under Calibration

Description:	MICROPIPETTE	Make:	MICROLUX
Range:	( 100 to 1000 ) µl	Model/Type:	-
Resolution:	1 µl	Condition of DUC	GOOD
Serial Number	-	Location:	PHC - LAB
ID number	KGPHC/MP/02	Cal. At:	LAB
<b>Environmental Conditions</b>		<b>Calibration Method Used</b>	
Temperature	23.4 °C	Calibration Method Used	ISO 8655:2002 PART-6
Humidity	50 % Rh	Cal procedure no:	-

### Master Details

SL no:	Description	ID No / SL No	Certificate No	Make/Model	Valid Till
1	ELECTRONIC BALANCE	16031172	E-150323-1	WINTECH	15-03-2024

### RESULT OF CALIBRATION

S.NO	Duc Readings ( µl )	Standard Reading Mean Value ( mg )	ERROR (mg)
1	100	99.91	0.09
2	500	499.87	0.13
3	1000	999.81	0.19

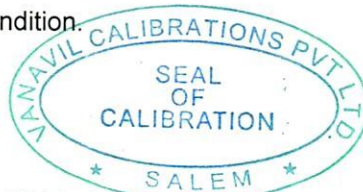
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**Calibrated By:**

  
**C.AKASH**

**(CALIBRATION ENGINEER)**



\*\*\* End of the Report \*\*\*

**Authorised by:**

  
**T. SUDHAKAR,**  
Technical Manager

**Vanavil Calibrations Pvt Ltd.**

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