

**CALIBRATION CERTIFICATE**

Format No: VCPL/CL/F/42

Rev No: 01

Date: 13-03-2023

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Certificate No VCPL/CC/2023/046-01

ULR No : CC346723000000400F

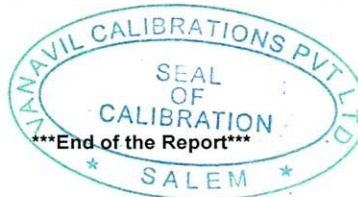
<b>Customer Name &amp; Address :</b>		Date of Issue	6-Oct-2023						
<b>M/s</b> GOVERNMENT PRIMARY HEALTH CENTRE SATHYANAGAR , METTUR (T.K.) - 636 303		SRF Number	VCPL/2023/046						
		Receipt Date	5-Oct-2023						
		Date of Calibration	5-Oct-2023						
		Next Due Date	4-Oct-2024						
Customer Reference : Work Order		Calibrated At	On Site						
<b>Details of Device Under Calibration</b>									
Description	CENTRIFUGE	Make	BDI ) LABOTECH)						
Model / Type	-	Range	1000 TO 3500 RPM						
Serial No	-	Resolution	10 RPM						
Asset No	SN/GPHC/CEN/01	Accuracy	As Per Manual						
Location	PHC - LAB	DUC Condition	Good						
<b>Enviromental Conditions</b>		<b>Method Used For Calibration</b>							
Temperature	25.5 °C	Reference Standard No	SANAS TR 45-02						
Humidity	52 %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
	RPM	1	2	3	4	5	RPM	RPM	±RPM
1	1000	999.7	999.6	999.7	999.6	999.6	999.64	0.36	12.55
2	1500	1498	1496	1497	1498	1497	1497.00	3.00	12.61
3	2000	1994	1995	1995	1995	1994	1994.67	5.33	12.57
4	3000	2990	2992	2991	2992	2992	2991.00	9.00	12.61
5	3500	3490	3492	3491	3490	3492	3491.00	9.00	12.61

**Remarks:**


- 1.DUC is Defiend as Device Under Calibration.
- 2.Calibration of the DUC are traceable to National / International Standards.
- 3.Calibration Frequency shall be deiced 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 Calibra
6. 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,  
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

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## CALIBRATION CERTIFICATE

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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/2023/046
	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:	THERMO SCIENTIFIC
Range:	( 100 to 1000 ) $\mu$ l	Model/Type:	FINNPIPETTE F3
Resolution:	1 $\mu$ l	Condition of DUC	GOOD
Serial Number	RW11603	Location:	PHC LAB
ID number	SN/GPHC/MP/01	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 ( $\mu$ l )	Standard Reading Mean Value ( mg )	ERROR (mg)
1	100	99.90	0.10
2	500	499.84	0.16
3	1000	999.81	0.19

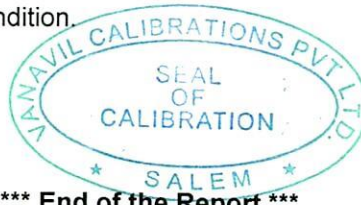
**Remarks:**

- 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)



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

**Authorised by:**

  
T. SUDHAKAR,

Vanavil Calibrations Pvt Ltd.

## Vanavil Calibrations Pvt. Ltd

(A Unit of Rainbow Bio Medical Engineers)

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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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## CALIBRATION CERTIFICATE

Certificate No: VCPL/CC/2023/046-03

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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/2023/046
	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:	THERMO SCIENTIFIC
Range:	( 10 to 100 ) µl	Model/Type:	FINNPIPETTE F3
Resolution:	0.2 µl	Condition of DUC	GOOD
Serial Number	RW09058	Location:	PHC - LAB
ID number	SN/GPHC/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	10.0	9.91	0.09
2	50.0	49.84	0.16
3	100.0	99.79	0.21

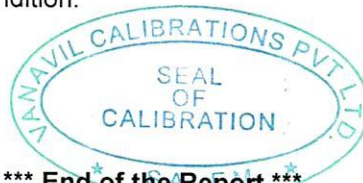
**Remarks:**

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*  
C.AKASH

(CALIBRATION ENGINEER)



**Authorised by:**

*T. Sudhakar*  
T. SUDHAKAR,  
Territorial Manager  
Vanavil Calibrations Pvt Ltd.

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## CALIBRATION CERTIFICATE

Certificate No: VCPL/CC/2023/046-04

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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/2023/046
	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:	SEMI AUTO ANALYZER	Make:	ROBONIK
Range:	-	Model/Type:	PRIETEST TOUCH
Resolution:	-	Condition of DUC	GOOD
Serial Number	AI2020509 RBK	Location:	PHC - LAB
ID number	SN/GPHC/SAA/01	Cal. At:	ONSITE
<b>Environmental Conditions</b>		<b>Calibration Method Used</b>	
Temperature	25.2 °C	National/International standard:	IEC60601-1
Humidity	49 % Rh	Cal procedure no:	-

### Master Details

SL no:	Description	ID No / SL No	Certificate No	Make/Model	Valid Till
1	Electrical Safety Analyzer	6014025	ACCS230581	FLUKE/ESA-612	9-Mar-24

### Electrical Safety Report

S.NO	PARAMETERS	MEASURED VALUES $\mu$ A	ALLOWABLE LIMITS $\mu$ A
1	Earth Leakage	129.5	<5000 $\mu$ A For B,BF,CF
		<b>MEASURED VALUES <math>\mu</math>A</b>	<b>ALLOWABLE LIMITS <math>\mu</math>A</b>
2	Enclosure Leakage	197.5	<5000 $\mu$ A For B,BF,CF

#### Remarks:

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Calibrated By:

  
C.AKASH

(CALIBRATION ENGINEER)



Authorised by:

  
**T. SUDHAKAR,**  
Technical Manager  
Vanavil Calibrations Pvt Ltd.

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