

Customer Name & Address SRF No. SRF/23/00349-0013		CALIBRA	TION CERTIFICATE		
SRF No. SRF/23/00349-0013	Certificate No: SBS/C			6 6	
GOVERNMENT PRIMARY HEALTH CENTRE, A.MUKKULAM-630611.VIRUDHUNAGAR DISTRICT. Date of Receipt O2-09-2023 Date of Calibration O2-09-2023 Due Date for Calibration O1-09-2024 Issue Date Description MICRO PIPETTE Make THERMO SCIENTIFIC	Customer Name & Ac	idress		Fage, 740:1 of 3	
A.MUKKULAM-630611.VIRUDHUNAGAR DISTRICT. Date of Receipt 02-09-2023			SRF No.	SRF/23/00349-0013	
Date of Receipt 02-09-2023			SRF Date	02-09-2023	
Due Date for Calibration 01-09-2024 Issue Date 04-09-2023 Details of Unit Under Calibration Description MICRO PIPETTE Make THERMO SCIENTIFIA	A.MUKKULAM-63061	ILVIRUDHUNAGAR DISTRICT.	Date of Receipt	02-09-2023	
Details of Unit Under Calibration Description MICRO PIPETTE Make THERMO SCIENTIFIC			Date of Calibration	02-09-2023	
Details of Unit Under Calibration Description MICRO PIPETTE Make THERMO SCIENTIFIC			Due Date for Calibration	01-09-2024	
Description MICRO PIPETTE Make THERMO SCIENTIFIC			Issue Date	04-09-2023	
Make THERMO SCIENTIFIC	Details of Unit Under	Calibration			
	tescription	MICRO PIPETTE	Make	THERMO SCIENTIFIC	
Model FINNPIPETTE F3	Range	100-1000 _H l	Model	TANGE CONTRACTOR OF THE PARTY O	

Cal. At	Mechanic	al Lab	Instrument Location	LABORATORY	
	Environme	ntal Condition		Calibration Me	rthod Used
Temperature (°C)	23.6	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

Material

Operating Range

Condition of UUC

Standard Used

Resolution

ID Number

Cal. At

Serial Number

Tail.

NA

QW13936

Mechanical Lab

SL No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till	
1 E	lectronic Weighing Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023	

FINNPIPETTE F3

PVC

Good

100-1000µI

				R	esult of Calibrat	ion in µl				Z Factor: 1.003
SI. No.	Nominal Value			Observed Re	adings		Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (±)
1	100	99.98	99.97	99.96	99.98	99,97	99,97			0.47
-	4100	99.94	99.95	99.96	99,97	99.98		-0.03	0.01	
2	500	499.97	499.98	499.95	499.96	499.95	499.95			0.47
*	300	499.92	499.94	499.93	499.94	499.95		-0.05	0.02	
3	1000	999.95	999.97	999.95	999.96	999.97				0.47
	1000	999.95	999.97	999.96	999.97	999.98	999.96	-0.04	0.01	

Remarks

- 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. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696. Calibrated By,

Chennal

Authorised by:

Quality Manager (Ther Executive) **C.SIVABALAN**



			CAL	IBRAT	TIOI	V CEF	RTIFIC	CA	<u>TE</u>	
CERTIFICATE	NO: SE	S/CL/23	10815		MEDICAL DEVICES					Page No:1 of 1
ssue Date SRF No & Date Receipt Date Calibration Date			04-09-2023 SRF/23/00349-0002 & 01-09-2023 01-09-2023 01-09-2023							
Calibration Due					31-0	8-2024				
Customer Nan		dress								
GOVERNMEN A.MUKKULAM										
				Details of D	Device I	Under Calib	ration (DI	JC)		
Description	025		OSCOPE)	ETY	Make	e & Model		2	LAWRENCE&MAYO	& XSZ-N107T
Range		MULT	1		Sr. No : 009022					
Resolution		MULT	1)		Identification No NA					
DUC Condition	- 1	SATIS	FACTORY		Location LAB					
			Enviro	nmental Con	ditions	& Calibrati	on Proced	lure l	Details	
Environmental D	etails		Temperatur	e:25.6°C		Relative H	lumidity		52% RH	
Calibration Procedure No SBS/CP/MD/2			0/29		Calibration	done at		ONSITE		
				Refe	rence 5	Standards [Details			
S No Descripti	on			Make/ SI N	lo:		Certifi	cate	No	Validity
1 Electrical	Safety A	nalyser		Rigel Medical & 44L-1059		M-230809-16-4		10-08-2024		

ELECTRICAL SAFETY

RESULTS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	125	80
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500µAfor B,BF,CF	225	7.2

REMARKS

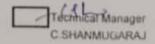
- 1 This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2 The user should determine the suitability of the instrument for its intended use.
- 3. The recalibration interval should be determined on the user requirement.
- 4 The results stated 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
- Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

(Calibration Efficieer) KSATHYAMOORTHY









		CAL	IBRATIO	N CER	TIFICAT	<u>TE</u>			
CERT	IFICATE NO:	SBS/CL/23/10816		MECHANICAL			Page No:1 of 1		
ssue			04-09	04-09-2023					
SREN	lo & Date		SRF/2	23/00349-00	03 & 01-09-20	23			
Receip	ot Date		01-09	-2023					
Calibra	ation Date		01-09	-2023					
alibra	ation Due		31-08-	-2024					
usto	mer Name & Ado	iress							
BOVE	RNMENT PRIMA	RY HEALTH CENTRE,							
.MU	KKULAM-630611,	VIRUDHUNAGAR DIST	RICT.						
		D	etails of Device L	Jnder Calib	ration (DUC)				
)escri	ption :	CENTRIFUGE	Make	Make & Model :		REMI & NA			
lange	1	0-3000 RPM	Sr. No	Sr. No		3487			
Resolu	ition :	1 RPM	Identifi	Identification No		NA			
UC (Condition	Satisfactory	Location	Location : LAB					
		Environmenta	Conditions & St.	andard Ope	rating Procedu				
	nmental Details	Temperat	ure: 24.3 °C	Relative H		54 % Rh			
alibri	ation Procedure N	o SBS/CP/N	/L/04	Calibration	done at	ONSITE			
	_		Reference S	tandards De	etails				
			Make/ SI No:			No	Validity		
Digital Tachometer LINE SE			LINE SEIKI / 17						
ALIE	RATION RESUL	TS		75-0034V JRPM-CCTR-A&S-2023-0013		7140-2020-0013	09-06-2024		

S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	
1	1000	999.8		%
2	2000	1999.8	0.2	4.2
3	3000	2999.9	0.2	4.2
EMA		2999.9	0.1	4.2

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

Calibrated By

(Calibration Engineer) K.SATHYAMOORTHY



Authorised Signatory

Chief Executive



	CAL	IBRAT	TON CER	RTIFICA	ATE_				
				MEDICAL DE	VICES	Page No:1 of 1			
CERTIFICATE NO: SB	S/CL/23/10817		04-09-2023						
Issue Date			0004 8 01-0	0.2023					
SRF No & Date			SRF/23/00349-0004 & 01-09-2023						
Receipt Date			01-09-2023						
Calibration Date			01-09-2023						
Calibration Due			31-08-2024						
Customer Name & Ado	ress								
GOVERNMENT PRIMA	RY HEALTH CENTE	RE.							
A MUKKULAM-630611,	VIRUDHUNAGAR DI	STRICT							
A MURRUL SIT COOK 11.		Details of D	evice Under Cali	bration (DUC)					
					The state of	NAME OF THE OWNER OWNER OF THE OWNER OWNE			
Description :	SEMI AUTO ANALY	ZER	ER Make & Model		ROBONIK & PRIETEST TOUCH				
Range	MULTI		Sr. No		AT1091010RBK				
Resolution	MULTI		Identification No		NA:				
DUC Condition	SATISFACTORY		Location		LAB				
JOU CONTRIBUTE		nmental Cons	ditions & Calibrat	ion Procedure	Details				
Environmental Details	Temperature	Contract of the Contract of th	Relative H		52% RH				
Calibration Procedure No SBS/CP/MD/20			Calibration	The second secon	ONSITE				
Deline Bloom Construction	[5555555555555		rence Standards						
		Make/ SI No		Certificate	No	Validity			
S.No Description		Make/ SI No	la:		3.50	- variously			

Е	L	E	CT	RI	CA	L	S	٩F	E٦	TY

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B.BF,CF	175	7.5
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500µAfor B.BF.CF	235	7.2

REMARKS

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

Calibrated By

Authorised Signatory

(Calibration Engineer) K.SATHYAMOORTHY



1	Technical Manager
	C SHANMUGARAJ

_	Philipping William working	
	Chief Executive	
_	SECTION CONTRACTOR	•



			CA	LIBE	RATION	CERT	TIFI	CATE			
Certifica	te No: SBS/CL/23/1083/										Page, No. 3 of 3
Custome	er Name & Address										
						SRI	F No.			SRF/23/00349	7-0014
COVERNMENT PRIMARY HEALTH CENTRE,							F Date			02-09-2023	
A.MUKKULAM-630611, VIRUDHUNAGAR DISTRICT.						Dat	te of R	eceipt		02-09-2023	
						Dat	te of C	alibration		02-09-2023	
						Due	e Date	for Calibration		01-09-2024	
						Issu	re Date	e		04-09-2023	
Details o	f Unit Under Calibratio	on									
Descripti	escription MICRO PIPETTE						Make			THERMO SCIENTIFIC	
lange	nge 10-100 _M					Mod	Model			FINNPIPETTE F3	
Resolutio	DES.	0.2 _j d				Mat	Material				
Serial No	umber	QW11129				Оре	Operating Range			10-100µl	
ID Numb	bez	NA				Con	Condition of UUC			Good	
Cal. At		Mechanical	Lab			Inst	trumer	nt Location		LABORATORY	
	1	invironmenta	al Condition					Calibra	tion Meth	od Used	
Temperal	ture (°C)	C) 23.6 Humidity (%RH) 55 National / International Standard		ard	ISO 8655-6:2002						
Atmosph	eric Pressure (mbar)	ic Pressure (mbar) 1006 Water Temperature (°C) 21.6 Cal Procedure No			5BS/CP/ML/08						
Standard	Used										
SL No.	Description	ID.No./	SI. No.		Certificate	No.		Make/Model	Tra	ceability	Valid till
1	Electronic Weighing Balance	15112	1918	- 19	TVCSP1.22/12/	2115-01		A&D & GH-252		al Standards	09-12-2023

100	-	4			-		-
Z	ra	CER	er:	3.3	υü	al	19

	Result of Calibration in µl										
SL No.	Nominal Value			Observed Rea	adings		Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (±)	
1	10.0	9.96	9.95	9.98	9,96	9.97	9.97		0.01	0.47	
	10.0	9.98	9.96	9,97	9,98	9.95		-0.03			
2	50.0	49.86	49.85	49.87	49.86	49.85	1000000	Taras	2000	0.47	
	30.0	49.95	49.96	49.97	49.95	49.95	49.91	-0.09	0.05		
3	100.0	99.98	99.97	99.98	99.96	99.98		74.00		7,000	
	1100.0	99.95	99.96	99.94	99.95	99.96	99.96	-0.04	0.01	0.47	

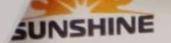
Remarks

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- 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.
- The results stated in this certificate relate only to the item calibrated.
- 5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
- 7: Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

Chennai S 600 032 Authorised by:

CSIVABALAN



	_	CALIBR	RATION	CERTIFI	ICATE			
		CALIE					Page No: 1 of 1	
Certificate No: SBS/CL/23/10839	-							
Customer Name & Address				SRF No.		SRF/23/00345	1-0015	
				SRF Date		02-09-2023		
GOVERNMENT PRIMARY HEA	(LTH CEN)	ING.	Date of R	teceipt	02-09-2023			
AMUKKULAM-630611,VIRUD	DISTRICT	200000000000000000000000000000000000000	alibration	02-09-2023				
				Due Date	e for Calibration	01-09-2024		
				Issue Dat		04-09-2023	04-09-2023	
Details of Unit Under Calibrati				Make		NA		
Description	iption MICRO PIPETTE					NA	NA	
Lange	100-1000µl Model				02020	PVC		
Resolution	10 _{id} Material				1000			
Serial Number	121500721	1		Operatin	ng Range	100-1000µI		
D Number	NA			Conditio	n of UUC	Good	Section 1	
Cal. At	Mechanic	al Lab		Instrume	ent Location	LABORATO)RY	
	Environme	ntal Condition			Calibration	Method Used		
Temperature (°C)	23.6	Humidity (%RH)	55	National	National / International Standard		1002	
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Proc	edure No	SBS/CP/ML/	08	
Standard Used						T	Valid till	
SI. No. Description	ID.No	s. / Sl. No.	Certificate !	No.	Make/Model	Traceability	Valia titi	

	or:		

National Standards

A&D & GH-252

09-12-2023

				Re	sult of Calibrati	on in µl				
Sl. No.	Nominal Value			Observed Rea	dings		Mean Value	Systemati c Error	Random Error	Measurement Uncertainty (±)
		99.95	99.89	99.87	99.86	99.85	99.87	-0.13	0.03	0.47
3	100	99.86	99.87	99.86	99.87	99.85				
		499.97	499.98	499.95	499.96	499.95	499.95	-0.05	0.02	0.47
2	500	499.92	499.94	499.93	499,94	499.95	477.70	4.40		0.40
	0.000000	999.95	999.97	999.95	999.96	999.97	999.96	-0.04	0.01	0.47
3	3 1000	999.95	999.97	999,96	999.97	999.98	239,90	40.04	0.01	MAY.

TVCSPL22/12/2115-01

Remarks

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- 3 The recalibration interval should be determined on the user requirement.
- 4. The results stated in this certificate relate only to the item calibrated.

15112918

- 5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

Electronic Weighing

Balance

CSIVABALAN

Chennai Chennai G00 032

Authorised by:

CNIATH Manager Com Executive)

SUNSHINE BIOMEDICAL SOLUTIONS