

				CAL	IBRA1	<u> ION</u>	I CERT	<u> IFICA</u>	<u>TE</u>		
CERT	IFICATE N	O: SB	S/CL/23/	4890			M	EDICAL DE	VICES	Page N	o:1 of 1
Issue	Date					17-10)-2023				
SRF I	No & Date					SRF/	23/00906-00	01 & 16-10-	2023		
Recei	pt Date					16-10)-2023				
	ation Date					16-10)-2023				
Calibi	ation Due					15-10)-2024			<u> </u>	
	mer Name	& Ad	dress	<u> </u>							
GOVI	RNMENT	PRIMA	RY HEAI	TH CENTR	Ē,		· -		···		
				DISTRICT.							
		<u> </u>	-	_	Details of D	evice U	nder Calibra	tion (DUC)			
									<u></u>		
Descr	iption	:	SEMI A	UTO ANALY	ZER	Make	& Model	:	ROBONIK & PRIET	EST TOUCH	
Range	•	:	MULTI			Sr. No		:	AT0171010RBK		
Resol		:	MULTI			Identification No		:	NA		
DUC	Condition	:	SATISE	ACTORY		Location : L			LABORATORY		
				Enviror	mental Con	ditions	& Calibration	n Procedure	Details	-	
Enviro	nmental De	tails		Temperature	:25.6 ° C		Relative Hur	nidity	52% RH		
Calibr	ation Proced	lure No		SBS/CP/MD	/20		Calibration of	lone at	ONSITE		
	,				Refe	rence S	tandards De	tails		•	
S.No	Description	1		•	Make/ SI N	o:		Certificate	No	ľ	Validity
1	Electrical Sa		nalvser	<u> </u>	Rigel Medic	ical & 44L-1059		M-230809-	16-4		10-08-202

ELECTRICAL SAFETY

RESULTS

i.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	92	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	172	7.5
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	221	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.
- 6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By
(Calibration Engineer)
P.PRASANNA



	しいして Technical Manager
*	C.SHANMUGARAJ

Chief Executive

Authorised Signatory



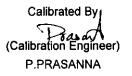
		CALI	BRA1	TION (CERT	IFICAT	<u>E</u>	
CERTIFICATE NO:	SBS/C	L/23/14891			N	IECHANICAL		Page No:1 of 1
Issue Date				17-10-202	3	•		
SRF No & Date				SRF/23/00	906-0002	& 16-10-2023	3	
Receipt Date				16-10-202	3			
Calibration Date			ļ	16-10-202	3			
Calibration Due				15-10-202	4			
Customer Name &	Address							
GOVERNMENT PR	IMARY HEAL	TH CENTRE,						
MUTTAM-608309,C	UDDALORE I	DISTRICT.						
		De	tails of D	evice Und	er Calibra	tion (DUC)		
Description	: CENTI	RIFUGE		Make & M	iodel	:	REMI & NA	
Range	: 52	250 RPM		Sr. No		:	ZBEN-12429	
Resolution	;	10 RPM		Identification N		:	NA	
DUC Condition	: Satisfa	ictory		Location		:	LABORATORY	
		Environmental	Condition	ns & Stand	lard Oper	ating Proced	ure Details	
Environmental Deta	ils	Temperatu	re: 25.4º0	C F	Relative H	umidity	54% Rh	
Calibration Procedu	re No	SBS/CP/MI	L/04		Calibration	done at	ONSITE	
		•	Refer	rence Star	idards De	talis		
S.No Description			Make/ S	SI No:		Certificate	No	Validity
1 Digital Tacho	meter		LINE SE	EIKI / 175-	0034V	JRPM-CCT	R-A&S-2023-0013	09-06-2024

CALIBRATION RESULTS

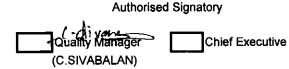
S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	1000	998.6	1.4	4.2
2	2000	1998.6	1.4	4.2
3	3000	2998.7	1.3	4.2

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.









		CA	LIBRA	ATION	CERTI	FICATE			
Certificate No: SBS/CL/23/14892	2								Page. No: 1 of 1
Customer Name & Address									
					SRF No.			SRF/23/0090	6-0003
GOVERNMENT PRIMARY HEA	ALTH CENT	RE,			SRF Date		,	16-10-2023	
MUTTAM-608309,CUDDALOR	E DISTRICT.				Date of Re	eceipt	,	15-10-2023	
					Date of Ca	alibration		16-10-2023	
					Due Date	for Calibration		15-10-2024	_
					Issue Date	e		17-10-2023	
Details of Unit Under Calibrati	on								
Description	MICRO PI	PETTE			Make	Make			CIENTIFIC
Range	10-100µl	•			Model			FINNPIPET	TE F3
Resolution	0.2μl				Material			PVC	
Serial Number	PW14218				Operating	g Range		10-100µl	
ID Number	NA	•			Condition	of UUC		Good	
Cal. At	Mechanica	il Lab			Instrume	nt Location		LABORATO	DRY
En	vironmental	Condition				Calibratio	on Metho	d Used	
Temperature (°C) 23.9 Humidity (%RH)			(%RH)	55	National	National / International Standard			2002
Atmospheric Pressure (mbar)	1006	Water Temp	erature (°C)	21.6	Cal Proce	dure No		SBS/CP/ML	/08
Standard Used			,						
SI. No. Description	ID.No.	/ SI. No.		Certificate	No.	Make/Model	Tra	ceability	Valid till

Z Factor: 1.00319

09-12-2023

National Standards

	_			Res	sult of Calibra	ation in µl				·	
Sl. No.	Nominal Value		Ot	served Read	lings		Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
_		9.91	9.92	9.93	9.92	9.91	9.92	-0.08	0.01	0.47	
1	10.0	9.92	9.90	9.93	9.94	9.95	9,94	-0.00	0.01		
		49.95	49.96	49.97	49.98	49,99	49.95	-0.05	0.03	0.47	
2	50.0	49.90	49.91	49.92	49.92	49.96	49.95	-0.03	0.05	0.17	
	400.0	99.96	99.97	99.98	99.97	99.96	99.97	-0.03	0.01	0.47	
3	100.0	99.96	99.97	99.98	99.99	99.96		3.03	0.01	0.47	

TVCSPL22/12/2115-01

Remarks

1

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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.
- 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.

 7. Calibration Liquid Used: Distilled or Deionized value conforming Cape 3 as specified in ISO 3696.

Electronic Weighing

Balance

(Calibration Engineer) M.RAGUL

Calibrated By,

A&D & GH-252

Manager/Chief Executive)

Authorised by:



H CENTRE,		SRF No.	Page. No: 1 of 1
,		SRF No.	
,		SRF No.	
,			SRF/23/00906-0004
CTDICT		SRF Date	16-10-2023
ISTRICT.		Date of Receipt	15-10-2023
		Date of Calibration	16-10-2023
		Due Date for Calibration	15-10-2024
		Issue Date	17-10-2023
ICRO PIPETTE		Make	THERMO SCIENTIFIC
0-1000µ1		Model	FINNPIPETTE F3
ıl		Material	PVC
W10290		Operating Range	100-1000µl
Α		Condition of UUC	Good
echanical Lab		Instrument Location	LABORATORY
nmental Condition		Calibration Me	±thod Used
Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
006 Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08
	<u> </u>		
A e	v10290 A chanical Lab mental Condition 9 Humidity (%RH)	v10290 A rchanical Lab mental Condition 9 Humidity (%RH) 55	Material V10290 Operating Range Condition of UUC Instrument Location mental Condition Calibration Me Humidity (%RH) 55 National / International Standard

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

Z Factor: 1.00319

	Result of Calibration in µl													
Sl. No.	Nominal Value		Ol	served Read	lings		Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)				
	100	99.94	99.96	99.97	99.95	99.90	99.96	-0.04	0.02	0.47				
1	100	99.96	99.95	99.97	99.98	99.98	39.90	-0.04	0.02	U.17				
2	500	499.85	499.82	499.83	499.82	499.81	499.83	-0.17	0.01	0.47				
2	500	499.82	499.83	499.84	499.85	499.82	499.63	-0.17	0.01					
2	1000	999.88	999.89	999.87	999.88	999.85	000.87	0.13	0.01					
3	1000	999.85	999.86	999.85	999.87	999.87	779,8/	999.87 -0.13	0.01	0.47				

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. 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 MEBIC Orade3 as specified in ISO 3696. coverage factor k=2.00.

Chennai

7. Calibration Liquid Used: Distilled or Deionized

Calibrated By,

(Calibration Engineer) M.RAGUL

Authorised by:

Quality Manager/Chief Executive) C.SIVABALAN