

				CAL	.IBRA1	ΠΟ	N CERT	TIFIC	A7	<u>E</u>		
CERT	TIFICATE N	O: SBS	S/CL/23/	13356		MEDICAL DEVICES					Page No:1 of 1	
Issue	Date					07-10	0-2023					
SRF No & Date					SRF	23/00730-000	01 & 07-1	0-20	23			
Receipt Date					07-10	0-2023						
Calibr	ration Date					07-10	0-2023					
Calibr	ration Due					06-10	0-2024					
Custo	omer Name	& Add	fress									
GOVE	ERNMENT	PRIMA	RY HEA	ALTH CENTR	E,							
VEPA	NGUDI-62	1301,K	ARUR D	ISTRICT.								
					Details of D	evice	Under Calibra	tion (DUC	:)			
Descr	iption	:	SEMI A	AUTO ANALYZ	ŒR	Make & Model : ROBONIK & PRIETEST TO			TOUCH			
Range	9	:	MULTI			Sr. N	0	:		NA		
Resol	ution	:	MULTI			Identi	fication No	:		NA		
DUC (Condition		SATISI	FACTORY		Location : LABORATORY						
				Enviror	mental Cond	ditions	& Calibration	Procedu	re D	etails		
Enviro	nmental Det	ails		Temperature:	25.6 ° C		Relative Hum	idity		52% RH		
Calibr	ation Proced	ure No		SBS/CP/MD/2	20		Calibration do	ne at		ONSITE		
·					Refer	rence	Standards De	tails				*
S.No	Description	1			Make/ SI No	c: Certific		Certificat	ertificate No			alidity
1	Electrical Sa	fety An	alyser		Rigel Medica	ical & 44L-1059 M-2		M-230809-16-4				0-08-2024

ELECTRICAL SAFETY

RESULTS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in $M\Omega$	Uncertainty in % (±)
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	125	8.0
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	235	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 **Authorised Signatory**

(Calibration Engineer) K.SATHYAMOORTHY



-	Technical Manager
	C.SHANMUGARA.

Chief Executive

SUNSHINE BIOMEDICAL SOLUTIONS



			CALI	BRA	TION	CERT	IFICA	ΤE	•		
CERTIFICATE NO	:	SBS/CL/2	3/13357			M	ECHANICAI	L	Pa	age No:1 of 1	
Issue Date					07-10-2	023					
SRF No & Date					SRF/23/	00730-0002	& 07-10-20)23			
Receipt Date					07-10-2	023					
Calibration Date					07-10-2	023					
Calibration Due					06-10-2	024					
Customer Name 8	Addr	ress									
GOVERNMENT PE	RIMAR	RY HEALTH	CENTRE,								
VEPANGUDI-6213	01,KA	RUR DISTR	ICT.								
			Det	ails of D	evice Ur	der Calibra	tion (DUC)				
Description		CENTRIFU	ICE		Make 9	Madal			DEM A NA		
Contract of Access of Property and Access of the Access of	•			Make & Model		:		REMI & NA			
Range	:	3500	RPM	Sr. No			:		GENC7755		
Resolution	:	1	RPM	Identification No			:		NA		
DUC Condition	:	Satisfactor			Location : LABORA			LABORATORY			
		Envi	ronmental (ondition	ns & Stai	ndard Oper	ating Proce	dure	Details		
Environmental Deta	ails		Temperature	e: 24.3 °	С	Relative Hu	ımidity		54 % Rh		
Calibration Procedu	ıre No	ì	SBS/CP/ML	/04		Calibration	done at		ONSITE		
				Refer	rence Sta	ndards De	tails				
S.No Description	1			Make/ S	Make/ SI No:		Certificate No			Validity	
1 Digital Tacho	omete	r		LINE SE	LINE SEIKI / 175-0034V			TR-A	09-06-2024		
CALIBRATION RE	SIII T	9									

CALIBRATION RESULTS

S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	999.9	0.1	4.2
2	2000	1998	2	4.2
3	3000	2999	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 k=2.00.
- 6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

(Calibration Engineer)

K.SATHYAMOORTHY

Chennai Chennai 600 032 70

Quality Manager

Chief Executive

Authorised Signatory

SUNSHINE BIOMEDICAL SOLUTIONS



				CA	LIBRAT	ΤΙΟ	N CEF	RTII	FIC	<u>ATE</u>	
CERT	IFICATE N	O: SB	S/CL/23/	13358			IV	IEDIC	AL DE	EVICES	Page No:1 of 1
Issue	Date					07-10	0-2023				
SRF I	No & Date					SRF	23/00730-0	003 &	07-10)-2023	
Recei	ipt Date					07-10	0-2023				
Calibr	ration Date					07-10	0-2023				
Calibr	ration Due					06-10	0-2024				
Custo	omer Name	& Add	ress								
GOVE	ERNMENT	PRIMA	RY HEA	LTH CENTR	E,						
VEPA	NGUDI-621	1301,K	ARUR D	STRICT.							
					Details of D	evice	Under Calib	ration	ı (DUC	:)	
			ELECT	RICAL SAFE	ΓY						
Descr	iption	1	(MICRO	OSCOPE)		Make	& Model		:	LABOMED & NA	
Range	9	:	MULTI			Sr. N	0		:	190614687	
Resol	ution	:	MULTI			Identi	fication No		;	NA	
DUC (Condition	:	SATISE	ACTORY		Locat			_:	LABORATORY	
				Enviro	nmental Con	ditions	s & Calibrati	on Pr	ocedu	re Details	
Enviro	nmental Det	ails		Temperature:	25.6°C		Relative Hu	midity		52% RH	
Calibr	ation Proced	ure No		SBS/CP/MD/	29		Calibration	done a	at	ONSITE	_
					Refe	rence	Standards [Details	5	-	
S.No	Description	ĺ			Make/ SI No	:		Certi	ficate	No	Validity
1 Electrical Safety Analyser Rigel Medical				al & 44L-1059 M-230809-16-4			10-08-2024				

ELECTRICAL SAFETY

	FCI	11	TC
ĸ	-51		-13

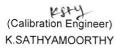
S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	125	12.3
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500µAfor B,BF,CF	229	8.6

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

Authorised Signatory





Technical Manager	1	r
C.SHANMUGARA		

Chief Executive



				CALIB	RATION C	ERTIF	ICATE				
Certificat	te No: SBS/CL/23/13359)								Page. No: 1 of 1	
Custome	r Name & Address										
						SRF No.			SRF/23/00730-0004		
GOVERNMENT PRIMARY HEALTH CENTRE,					SRF Date			07-10-2023			
VEPANGUDI-621301,KARUR DISTRICT.					Date of R	eceipt		06-10-2023			
						Date of Calibration					
						Due Date for Calibration			06-10-2024		
					Issue Date			07-10-2023			
Details o	f Unit Under Calibrati	on				•					
Descripti	ion	MICRO PI	PETTE			Make			THERMO SCIENTIFIC		
Range 10-100µl						Model			FINNPIPETTE F3		
Resolutio	on	0.2μl				Material			PVC		
Serial Nu	umber	RW01315				Operating	g Range		10-100μl		
ID Numb	ber	NA				Condition	of UUC		Good		
Cal. At		Mechanica	l Lab			Instrument Location			LABORATORY		
	E	nvironmen	tal Condition	on			Calibrati	on Metho	d Used		
Temperat	ture (°C)	23.6	Humidity	(%RH) 54		National / International Standard			ISO 8655-6:2002		
Atmospheric Pressure (mbar) 1006 Water Temperature		erature (°C)	21.6 Cal Pro		Cal Procedure No			SBS/CP/ML/08			
Standard	Used					-			1		
SI. No.	Description	ID.No.	SI. No.		Certificate No.		Make/Model	Tra	ceability	Valid till	
1	Electronic Weighing	1511	2918	т	VCSPI 22/12/2115_01		A & D & CH 252	North	ol Chan donda	00 12 2022	

				F	Result of Calibra	tion in µl					
Sl. No.	Nominal Value		Observed Readings					Systematic Error	Random Error	Measurement Uncertainty (±)	
1.	10.0	9.96	9.95	9.98	9.96	9.97	9.97	-0.03			
1		9.98	9.96	9.97	9.98	9.95			0.01	0.47	
2	50.0	49.86	49.85	49.87	49.86	49.85	49.91			service on a	
2	30.0	49.95	49.96	49.97	49.95	49.95		-0.09	0.05	0.47	
3	100.0	99.98	99.97	99.98	99.96	99.98	99.96			0.47	
3	100.0	99.95	99.96	99.94	99.95	99.96		-0.04	0.01		

TVCSPL22/12/2115-01

A&D & GH-252

National Standards

09-12-2023

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.

15112918

- 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.

 7. Calibration Liquid Used: Distilled or Deiorized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

Balance

(Calibration Engineer) M.RAGUL

Z Chennai 600 032

Authorised by:

(Quality Manager/Chief Executive)

SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087, E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



				CALIB	RATION C	ERTIF	ICATE				
Certifica	ate No: SBS/CL/23/13360)								Page. No: 1 of 1	
Custome	er Name & Address										
						SRF No.			SRF/23/00730-0005		
GOVERNMENT PRIMARY HEALTH CENTRE,						SRF Date	SRF Date			07-10-2023	
VEPANGUDI-621301,KARUR DISTRICT.					Date of F	Date of Receipt			06-10-2023		
						Date of C	Date of Calibration			07-10-2023	
							Due Date for Calibration			06-10-2024	
						Issue Da	Issue Date			07-10-2023	
Details o	of Unit Under Calibratio	on									
Descript	ion	MICRO PIPETTE				Make	Make			THERMO SCIENTIFIC	
Range		100-1000μl					Model			FINNPIPETTE F3	
Resolution		1µl				Material	Material			PVC	
Serial N	umber	NA					Operating Range			100-1000μl	
ID Numl	ber	NA					Condition of UUC			Good	
Cal. At		Mechanical Lab					Instrument Location			LABORATORY	
	E	nvironmen	tal Condition	on			Calibrati	ion Metho	d Used		
Temperature (°C)		23.5	Humidity (%RH)		52	National	National / International Standard		ISO 8655-6:2002		
Atmospheric Pressure (mbar)		1006	Water Temperature (°C)		21.6	Cal Proce	Cal Procedure No		SBS/CP/ML/08		
Standard	l Used	1			1						
SI. No.	Description	ID.No.	/ SI. No.		Certificate No.		Make/Model Trac			Valid till	
1	Electronic Weighing Balance	1511	2918	Т	TVCSPL22/12/2115-01		A&D & GH-252		al Standards	09-12-2023	

Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings						Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.94	99.96	99.94	99.92	99.93	99.95	-0.05	0.02	0.47
		99.94	99.95	99.96	99.97	99.98				
2	500	499.85	499.86	499.87	499.89	499.86	499.87	-0.13	0.02	0.47
		499.86	499.87	499.89	499.85	499.89				
3	1000	999.96	999.97	999.98	999.96	999.95	999.96	-0.04	0.01	0.47
		999.98	999.94	999.96	999.95	999.95				

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 7. Calibration Liquid Used: Distilled or Dejoritzed water conforming Grade3 as specified in ISO 3696.

 Calibrated By,

 (Calibration Engineer)

 M.RAGUL

 Chennai

 Chen coverage factor k=2.00.

Calibrated By,

Authorised by:

(Quality Manager/Chief Executive)

SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087, E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.