

				CAL	IBRAT	ION	I CERT	ΓIFI	CA	TE_	
CERT	TIFICATE N	O: SB	S/CL/23/	12458			M	EDICA	L DE	VICES	Page No:1 of 1
Issue	Date					30-09	9-2023				
SRF No & Date				SRF	23/00548-00	01 & 3	0-09-	2023			
Recei	ipt Date						9-2023				
Calibi	ration Date					30-09	9-2023				
Calibi	ration Due					29-09	9-2024				
Custo	mer Name 8	& Addr	ess								
GOVE	ERNMENT	UPGR/	ADED PF	RIMARY HEA	LTH CENTR	E,					
				M DISTRICT.		8					
					Details of De	vice U	nder Calibra	tion (D	JC)	200100000	
			ELECT	RICAL				•	•		
Descr	iption	:	SAFET	Y(MICROSCO	PE)	Make	& Model		:	<b>OLYMPUS &amp; CH20iBM</b>	P
Range	9	:	MULTI			Sr. No			:	1111092	
Resolu	ution	:	MULTI			Identi	Identification No : NA		NA		
DUC (	Condition	:	SATISF	ACTORY		Locat	Location : LABORATOR		LABORATORY		
				Environr	nental Condi	tions	& Calibration	Proce	dure	Details	
Enviro	nmental Det	ails		Temperature:	25.6°C		Relative Humidity 52% RH		52% RH		
Calibration Procedure No SBS/CP/MD/29		Calibration done at ONSITE									
					Refere	nce S	tandards Det	ails			
S.No	Description	1			Make/ SI No	Ce		Certif	cate	Validity	
1	Electrical Sa	fety An	alyser		Rigel Medica	l & 44l	4L-1059 M-230809-16-4		10-08-202		

### ELECTRICAL SAFETY

#### **RESULTS**

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	93	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	161	10.4
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	226	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.
- Equipment used for Calibration were calibrated & traceable to National & International Standards.
   Calibrated By

  Authorised Signatory

Chennai 600 032

(Calibration Engineer)
M.DINESH

Technical Manager (C.SHANMUGARAJ)

Chief Executive

### **SUNSHINE BIOMEDICAL SOLUTIONS**



CALIBRATION CERTIFICATE												
CERTI	FICATE NO:	SBS/CL/2	3/12480		MECHANICAL				Page No:1	of 1		
Issue [	Date			30	30-09-2023							
SRF N	SRF No & Date				RF/23	3/00548-000	02 & 30	-09-202	23			
Receip	t Date			30	0-09-2	2023						
Calibra	ition Date			30	0-09-2	2023						
Calibra	ition Due			29	9-09-2	2024						
Custon	ner Name & Addres	SS_										
GOVE	RNMENT UPGRA	DED PRIMA	RY HEALTH	CENTRE,								
OLAK	KUR-604305,VILLU	JPURAM DIS	STRICT.									
			Detai	Is of Devic	ce Ur	der Calibra	ation (E	UC)				
Descri	ption :	CENTRIF	JGE	M	lake 8	& Model	:		REMI & R-8	С		
Range	:		3500 RPM	Sr. No		:		ZHBN05104				
Resolu	ition :		1 RPM	Id	Identification No : NA							
DUC C	Condition :	Satisfactor	У	Lo	Location : LABOF		LABORATO	RY				
		Envir	onmental Co	nditions &	& Sta	ndard Ope	rating F	roced	ure Details			
Enviro	nmental Details		Temperature	: 25.5°C	25.5°C Relative Humidity			52%Rh				
Calibration Procedure No SBS/CP/ML/0			04	С	alibration d	one at		ONSITE				
				Reference	ce St	andards De	etails		•			
S.No	Description		W	Make/ SI	ake/ SI No:		Certificate No					Validity
1	Digital Tachomete	er		LINE SEIK	KI / 175-0034V JRPM-CCTR-A&S-2023-0013			0	9-06-2024			

# CALIBRATION RESULTS

S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	1000	999.0	1.0	4.2
2	2000	1999.5	0.5	4.2
3	3000	2999.5	0.5	4.2

### **REMARKS**

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- 2. The user should determine the suitability of the instrument for its intended use.
- ${\it 3.} The \ recalibration \ interval \ should \ be \ determined \ on \ the \ user \ requirement.$
- ${\bf 4.} The \ results \ stated \ in \ this \ certificate \ relate \ only \ to \ the \ item \ calibrated.$
- 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)
M.DINESH



Authorised Signatory

Quality Manager) (C.SIVABALAN)

(Chief Executive)

## **SUNSHINE BIOMEDICAL SOLUTIONS**



CALIBRATION CERTIFICATE												
CERT	IFICATE N	O: SBS	/CL/23/	12481		MEDICAL DEVICES				Page	No:1 of 1	
Issue	Date					30-09	-2023			•		
SRF No & Date				SRF/	23/00548-00	03 & 3	0-09-2	023				
Recei	pt Date					30-09	-2023					
Calibr	ation Date					30-09	-2023					
Calibr	ation Due					29-09	-2024					
Custo	mer Name 8	& Addre	<u>ss</u>									
GOVE	ERNMENT (	JPGRA	DED PF	RIMARY HEA	LTH CENTR	E,						
OLAK	KUR-60430	5,VILL	UPURA	M DISTRICT.								
					Details of De	vice U	nder Calibra	tion (DI	JC)			
Descri	iption		SEMI A	UTO ANALYZ	ER.	Make & Model : ROBONIK & PRIETEST TO			T TOUCH	Н		
Range		:	MULTI			Sr. No			:	ATCD2350321RBK		
Resolu	ution	:	MULTI			Identification No : NA						
DUC (	Condition	1	SATISI	FACTORY		Location : LABORATORY						
				Environr	nental Condi	tions	& Calibration	Proce	dure D	etails		
Enviro	nmental Det	ails		Temperature:	25.6°C	Relative Humidity			52% RH			
Calibration Procedure No SBS/CP/MD/20			20	Calibration done at ONSITE								
					Refere	ence S	tandards De					
S.No	Description	1			Make/ SI No	:	Certificate No		0		Validity	
1	Electrical Sa	fety Ana	alyser		Rigel Medica	1 & 441	4L-1059 M-230809-16-4			10-08-2024		

### **ELECTRICAL SAFETY**

RESU	JLTS
•	

SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
SPECIFICATION	MILASONED VALUES	EXPANDED ONCERTAINTY (±)
Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
>20MΩ	87	13.92
Earth Leakage	Measured values in µA	Uncertainty in % (±)
<5000µAfor B,BF,CF	152	10.8
Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
<500µAfor B,BF,CF	216	8.8
	>20MΩ Earth Leakage <5000μAfor B,BF,CF Enclosure Leakage	Insulation Resisitance

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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** 





Technical Manager
(C.SHANMUGARAJ)

Chief	Execu	itive
Ciliei	LYCCC	LIVE