

IBRATION	CERT	IFICA 7	<u>E</u>				
	ME	DICAL DEV	ICES Pa	age No:1 of 1			
07-10	07-10-2023						
SRF/	SRF/23/00625-0003 & 06-10-2023						
06-10	-2023						
05-10							
RE(KANDAMANAD)	BLOCK),						
Details of Device U	nder Calibrati	on (DUC)					
7ER Mako							
	x Wodel						
	oction No						
		Procedure De					
			ONOTE				
Make/ SI No:			Validity				
Rigel Medical & 44L	1059	M-230809-16-	-4	10-08-2024			
ELECTRIC	AL SAFETY						
MEASU	RED VALUES	6	EXPANDED UNCERTAINTY (±)				
Measure	d values in M	IΩ	Uncertainty in % (±)				
	87 13.92						
	07-10 SRF/2 06-10 06-10 05-10 RE(KANDAMANADY M DISTRICT. Details of Device Ur ZER Make Sr. No Identifi Location mental Conditions & 2:25.6°C /20 Reference State Make/ SI No: Rigel Medical & 44L- ELECTRIC MEASU Measure	Image: Constraint of the second se	MEDICAL DEV 07-10-2023 SRF/23/00625-0003 & 06-10-20 06-10-2023 06-10-2023 05-10-2024 RE(KANDAMANADY BLOCK), M DISTRICT. Details of Device Under Calibration (DUC) ZER Make & Model Sr. No Identification No Location Identification No ELECTRICAL SAFETY MEASURED VALUES Measured values in MΩ 87	07-10-2023 SRF/23/00625-0003 & 06-10-2023 06-10-2023 06-10-2023 06-10-2024 RE(KANDAMANADY BLOCK), M DISTRICT. Details of Device Under Calibration (DUC) ZER Make & Model Sr. No Location Location Location Location Location done at ONSITE Reference Standards Details Make/ SI No: Calibration done at Make/ SI No: Certificate No Rigel Medical & 44L-1059 MEASURED VALUES ELECTRICAL SAFETY MEASURED VALUES EXPANDED UNCERT Measured values in MΩ Uncertainty in % 87			

REMARKS

2

3

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.

Earth Leakage

<5000µAfor B,BF,CF

Enclosure Leakage

<500µAfor B,BF,CF

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.

Measured values in µA

202

Measured values in µA

236

Calibrated By

M (Calibration Engineer) M.DINESH



Technical Manager

Chief Executive

Uncertainty in % (±)

9.1

8.5

 (\pm)

Uncertainty in %

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.

C.SHANMUGARAJ

Authorised Signatory



CAL	IBRATIO	N CERT	TIFICA1	E		
CERTIFICATE NO: SBS/CL/23/13525		М	Page	No:1 of 1		
Issue Date	07-1	07-10-2023				
SRF No & Date	SRF	/23/00625-00	04 & 06-10-2	023		
Receipt Date		0-2023				
Calibration Date	06-1	0-2023				
Calibration Due	05-1	0-2024				
Customer Name & Address						
GOVERNMENT PRIMARY HEALTH CENTRI		Y BLOCK),				
AARASAMANGALAM-605105, VILLUPURAM	DISTRICT.					
	Details of Device I	Jnder Calibrat	ion (DUC)			
ELECTRICAL SAFET	Y					
Description : (MICROSCOPE)		e & Model	:	LABOMED & CXL PLUS		
Range : MULTI	Sr. N	lo	:	130661062		
Resolution : MULTI	Ident	tification No	:	NA		
DUC Condition : SATISFACTORY	Loca	tion	:	LABORATORY		
	nental Conditions	& Calibration	Procedure De	etails		
Environmental Details Temperature:2	25.6°C	Relative Hum	idity	52% RH		
Calibration Procedure No SBS/CP/MD/29		Calibration done at ONSITE				
		Standards Deta	ails	•		
S.No Description	Make/ SI No:	: Certificate No		lo '		Validity
1 Electrical Safety Analyser	Rigel Medical & 44	L-1059	M-230809-16		10-08-2024	
	FLECTO	ICAL SAFETY				
RESULTS	ELECTR	ICAL SAFETT				

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	77	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	225	87
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	214	8.9

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.

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



Technical Manager C.SHANMUGARAJ

Chief Executive

Authorised Signatory

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	RATI	ON C	CERTIF	ICATE			
CERT	IFICATE NO:		SBS/CL/2	23/13526			ME	CHANICAL	Pag	ge No:1 of 1	
Issue	Date					07-10-2	023				
SRF N	lo & Date					SRF/23/	00625-0005	& 06-10-2023			
Receij	Receipt Date					06-10-2	023				
Calibr	ation Date					06-10-2	023				
Calibr	ation Due					05-10-2	024				
Custo	mer Name & A	ddres	is_								
GOVE	RNMENT PR	IMAR	Y HEALTH	CENTRE(KANDAMA	NADY BI	LOCK),				
AARA	SAMANGALA	M-60	5105,VILLU	JPURAM DIS	STRICT.						
				Detai	ils of Dev	ice Unde	r Calibration	n (DUC)			
Descri	iption	:	CENTRIF	UGE		Make & Model			LABOTECH & BDI-152		
Range		:	3500	RPM		Sr. No		:	NA		
0.70	Count	:	1	RPM		Identific	ation No	:	NA		
DUC (Condition		Satisfacto	irv		Location	1		LABORATORY		
					onditions			g Procedure			
Environmental Details Temperature: 25.6					re: 25.6 °	C Relative Humidity 57% Rh			57% Rh		
Calibration Procedure No SBS/CP/ML/04				L/04				ONSITE			
					Referen	nce Stand	ards Details	S			
S.No	Description	scription Mak				ke/ SI No: Certificate No				Validity	
1	Digital Tacho	mete	r	LINE SEIKI / 175-00		5-0034∨	4V JRPM-CCTR-A&S-2023-0013		09-06-2024		
CALIE	BRATION RES	SULT	S								
S.No	DEVIC			STANDAR		UMENTS	DEV	/IATION	EXPANDED UN	CERTAINTY	(±
		RPM		RPM		RPM		%			
1	1000		999.7		0.3		4.2				
2	2000		1999.7		0.3		4.2				
3	3000			2999.6	999.6		0.4	4.2			
REMA											
								n approval of t	he laboratory.		
	user should d										
	recalibration in										
	results stated indicated unce			•••				ce level of app	roximately 95% fo	r a coverage	
factor	k=2.00.									U.	
6. Equ	ipment used f	for Ca	libration we	ere calibrated	d & tracea	ble to Na	tional & Inter	national Stand	lards.		
	Calibrate	ed By						Δuth	orised Signatory		
	Sansida	- Dy		OMEDIA			~	Autti	onseu orginatory		

(Calibration Engineer) M.DINESH



Quality Manager C.SIVABALAN

Chief Executive

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