

				CAL	IBRAT	101	V CERT	IFIC/	\TE	
CERTIFICATE NO: SBS/CL/23/12471					MEDICAL DEVICES				Page No:1 of 1	
Issue Date SRF No & Date Receipt Date Calibration Date					30-09-2023 SRF/23/00544-0001 & 29-09-2023 29-09-2023 29-09-2023					
	ation Due					28-09	9-2024			
Custo	mer Name									
GOVE	ERNMENT I	JPGRA	DE PRI	MARY HEALT	TH CENTRE	,				
KOMA	ARALINGAN	N-6422	04.							
					Details of D	evice	Under Calibra	tion (DUC)		
Descr	iption	1	SEMI A	UTO ANALYZ	NALYZER Ma		Make & Model :		NA & PRIETEST TO	UCH
Range	9	:	MULTI			Sr. No : A		ATCD3100321RBK		
Resol	ution	i.	MULTI			Identification No :		NA		
DUC (Condition	:	SATISI	ACTORY		Location : LABORATORY				
				Environ	mental Cond	ditions	& Calibration	Procedur	e Details	
Enviro	nmental Det	ails		Temperature:	25.6 ° C	Relative Humidity		52% RH		
Calibration Procedure No SBS/CP/MD/20			.0	Calibration done at ONSITE						
					Refe	rence	Standards De	tails		
S.No	Description	1			Make/ SI No	SI No:		Certificate	No	Validity
1	Electrical Sa	afety An	alyser		Rigel Medica	edical & 44L-1059 M		M-230809-16-4		10-08-2024

ELECTRICAL SAFETY

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S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	80	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
_	<5000µAfor B,BF,CF	195	7.4
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	219	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)
E.ESWAR

Chennai 600 032 Chennai 600 032

Technical Manager
C.SHANMUGARAJ

Chief Executive

Authorised Signatory



				CALIE	RAT	TION	CERTI	FICA'	<u>TE</u>	9	
CERTIFIC	CATE NO	:	SBS/CL/23	/12473			MEC	HANICAL		Pag	ge No:1 of 1
ssue Dat						30-09-20	23				
SRF No 8						SRF/23/0	0544-0003 8	29-09-20	23		
Receipt D						29-09-20	23				
Calibratio						29-09-20	23				
Calibratio						28-09-20	24				
	er Name	& Add	ress								
GOVERN	MENT U	PGRA	DE PRIMAR	Y HEALTH CI	ENTRE,						
KOMARA	ALINGAM	-6422	04.								
				Deta	ails of D	evice Un	der Calibrati	on (DUC)			
Descripti	ion	:	CENTRIFL	JGE	Make & Model		Model	1	1	NA & BD-152	
Range			3500	RPM	Sr. No			:		NA	
Resolutio	on		1	RPM		Identification No :		:		NA	
DUC Cor			Satisfactor	γ	Location : LAI		LABORATORY				
D00 00.	Traition.		Envi	ronmental C	onditio	ns & Stai	ndard Opera	ting Proc	edure	Details	
Environn	mental De	tails		Temperature	e: 24.3 °C Relative Hu		Relative Hur	midity 54 % Rh		54 % Rh	
Calibration Procedure No SBS/CP/ML/			04		Calibration of	done at ONSITE					
					Refe	rence Sta	andards Deta	ails			
S.No D	No Description			Make/ SI No:		Certificate No		Validity			
	igital Tac		er		Lutron & DT-2238		JRPM-CCTR-A&S-2022-0036		03-10-2023		
CALIDD	-		Secretary and the secretary an								

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
2	3000	2999	1	4.2
3	3000	2000		

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- 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	OMEDICAL	,	Authorised Signatory
(Calibration Engineer)	Chennai	Quality Manager	Chief Executive
E.ESWAR	600 032	(C.SIVABALAN)	

SUNSHINE BIOMEDICAL SOLUTIONS



				CALI	BRATI	ION	CERT	IFICA	4 <i>T</i>	<u>E</u>		
CERT	IFICATE NO	D: SBS	S/CL/23/1	2472			ME	DICAL	EVI	CES	Page	No:1 of 1
Issue						30-09	-2023					
SRF N	No & Date					SRF/2	23/00544-000)2 & 29-0	9-20	23		
Recei	pt Date					29-09	-2023					
	ation Date					29-09	-2023					
Calibr	ation Due					28-09	-2024					
	mer Name											
GOVE	ERNMENT L	JPGR <i>A</i>	DE PRI	MARY HEALT	H CENTRE	,						
KOMA	ARALINGAN	<i>1</i> -6422	04.									
				i	Details of De	vice U	nder Calibrat	ion (DUC)			
Descri	ption	:		RICAL SAFET (SCOPE)	TY Make & Mo		& Model			LABOMED & VISION 2	2008	
Range)	:	MULTI			Sr. No)	:		221245973		
Resolu	ution	:	MULTI			Identification No : NA		NA				
DUC (Condition	:	SATISF	ACTORY		Locat		:_		LABORATORY		
				Environn	nental Condi	tions a	& Calibration	Procedu				
Enviro	nmental Det	ails		Temperature:	25.6°C	Relative Humidity 52% RH						
Calibration Procedure No SBS/CP/MD/29			9	Calibration done at ONSITE								
					Refere	ence S	tandards Det					
S.No	Description	1			Make/ SI No	:		Certificate No				Validity
1	Electrical Sa	fety An	nalyser		Rigel Medica	al & 44L-1059 M-230809-16-4		4		10-08-2024		

ELECTRICAL SAFETY

ES	UL	TS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
'	>20ΜΩ	93	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
-	<5000µAfor B,BF,CF	154	7.7
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500µAfor B,BF,CF	209	7.3

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(Calibration Engineer)



C . S Authorised Signatory

Technical Manager C.SHANMUGARAJ Chief Executive

SUNSHINE BIOMEDICAL SOLUTIONS