

			CAL	IBRA	ΠΟΙ	V CER		-10	AIE		
ERTIFICATE NO	: SBS/0	CL/23/1	2165			М	EDIC	AL DE	EVICES	Page	No:1 of 1
ssue Date					30-09	-2023					
SRF No & Date					SRF/2	23/00496-00	001 8	29-09	9-2023		
Receipt Date					29-09	-2023					
Calibration Date					29-09	-2023					
Calibration Due					28-09	-2024					
Customer Name &											
GOVERNMENT PR											
PERUMANALLUR	-641666	6,TIRU	PUR DISTR	ICT.							
				Details of	Device	Under Calib	ratio	n (DUC	.)		
- 757 - 25 4		05141 4			Mako	& Model			ROBONIK & PRIETE	ST TOUCH	
Description	<i></i>	SEMI AUTO ANALYZER		Sr. No ATCD3030321RBK							
Range		MULTI			Identification No			NA			
Resolution		MULTI SATISFACTORY			Locat				BIO-CHEMISTRY		
DUC Condition		SALISI	Enviro	nmental Cor			on P	rocedu	ure Details		
Environmental Details Temperature:25.6°C					Relative Humidity 52% RH						
Calibration Procedu			SBS/CP/MD/2		Calibration done at ONSITE		ONSITE				
Galibration records					erence	Standards I	Detai	s			
S.No Description				Make/ SI No	ke/ SI No:		Certificate No			Validity	
			Rigel Medic	ical & 44L-1059		M-230809-16-4			10-08-2024		

MEASURED VALUES	EXPANDED UNCERTAINTY (±)
March all all and the MO	
Measured values in MΩ	Uncertainty in % (±)
99	13.92
Measured values in µA	Uncertainty in % (±)
168	10.1
Measured values in µA	Uncertainty in % (±)
	8.4
	99 Measured values in µA 168

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

(Calibration Engineer) C.SIVABALAN

BIOMEDIC
1.4/
$\begin{pmatrix} Chennaj \\ GOO \\ O32 \end{pmatrix} \stackrel{(o)}{=} \begin{pmatrix} Chennaj \\ O \\ C \\ C \end{pmatrix}$
To # SNOT

C.D Technical Manager C.SHANMUGARAJ

Authorised Signatory

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.



		CALIE	BRAT	TION	CERTI	FICATE		
CERTIFICATE NO:	SBS/CL/23/1	12166			MEC	HANICAL	Pag	ge No:1 of 1
Issue Date	- 19			30-09-20)23			
SRF No & Date				SRF/23/	00496-0002 8	29-09-2023		
Receipt Date				29-09-20)23			
Calibration Date				29-09-20)23			
Calibration Due		28-09-20)24					
Customer Name & A	ddress							
GOVERNMENT PRIM	IARY HEALTH CE	ENTRE,						
PERUMANALLUR-64	1666, TIRUPPUR	DISTRICT.						
		Deta	ails of De	evice Un	der Calibrati	on (DUC)		
Description :	CENTRIFUC	GE		Make &	Model	:	B.D INSTRUMENT	ATION & BD-153
Range	3500 R	RPM		Sr. No		:	76755	
Resolution :	1 R	RPM		Identifica	ation No		NA	
DUC Condition :	Satisfactory			Location	1	:	LABORATORY	
			ondition	is & Star	ndard Operat	ting Procedu	re Details	
Environmental Details Temperature			e: 24.3 °C Rela		Relative Hur	nidity	54 % Rh	
Calibration Procedure No SBS/CP/ML			/04 Calibration		Calibration d	done at ONSITE		
			Refer	ence Sta	andards Deta	ails		
S.No Description			Make/ SI No:			Certificate No		Validity
1 Digital Tachom	neter		LINE SEIKI / 175-0034V		5-0034V	JRPM-CCTR-A&S-2023-0013		09-06-2024
CALIBRATION RESU			1			4		

S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	998.9	1.1	4.2
2	2000	1999.7	0.3	4.2
3	3000	2999.5	0.5	4.2

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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

C. Divolas (Calibration Engineer) C.SIVABALAN



Authorised Signatory C Sive - Quality Manager

(C.SIVABALAN)

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.



				CA	IBRA	TIO	N CER	RTIF		ATE	
CERTIFICATE NO: SBS/CL/23/12167							М	VICES	Page No:1 of 1		
Issue	Date					30-09	9-2023				
SRF No & Date					SRF/	23/00496-00	003 & 2	9-09	-2023		
Recei	pt Date					29-09	9-2023				
Calibr	ation Date					29-09	9-2023				
Calibr	ation Due					28-09	9-2024				
Custo	omer Name	& Add	ress								
GOV	ERNMENT	PRIMA	RY HEAI	TH CENTR	Ε,						
PERL	JMANALLU	R-6416	66,TIRU	PPUR DIST	RICT.						
					Details of	Device	Under Calib	oration (DUC	;)	
				RICAL SAFE	ΓY						
Descr	iption	:	(MICRO	DSCOPE)			& Model		:	FOCUS & BPM-3	
Range	Э	:	MULTI			Sr. N			:	CM/L-2197459	
Resol	ution	;	MULTI			Ident	ification No			NA	
DUC	Condition	:	SATISF	ACTORY		Locat			:	LABORATORY	
						ndition	s & Calibrati		cedu		
Environmental Details Temperature:25.6°C					Relative Humidity 52% RH						
Calibration Procedure No SBS/CP/MD/29				Calibration done at ONSITE			ONSITE				
							Standards [
S.No	Descriptio	n			Make/ SI N	SI No:		Certificate No		No	Validity
1 Electrical Safety Analyser F		Rigel Medical & 44L-1059		L-1059	M-230809-16-4			10-08-2024			

ELECTRICAL SAFETY

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	100	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	171	10.0
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	213	8.9

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6. Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

C. Sivabals (Calibration Engineer) C.SIVABALAN

MEDIC Chennai 600 032

C. S Technical Manager C.SHANMUGARAJ

Authorised Signatory

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.