

			CALIE	BRATIC	N CER	TIFICAT	E			
CERT	IFICATE NO:	SBS/CL/2	3/11796			MECHANICA		Page No	:1 of 1	
Issue	Date				27-09-2023					
SRF N	No & Date				SRF/23/00419-0001 & 26-09-2023					
Recei	pt Date				26-09-2023					
Calibr	ation Date				26-09-2023					
Calibr	ation Due				25-09-2024					
Custo	omer Name & Addr	ress								
GOVE	RNMENT URBAN	PRIMARY H	EALTH CEN	TRE,						
THIRU	JMURUGANPOON	DI-641652,1	IRUPPUR D	ISTRICT.						
			Deta	ils of Device	Under Calib	ration (DUC)				
Description CENTRIFUGE			Mal	ke & Model	:	B.D INSTRU	IMENTATION &	BDI-152		
Range 3000 RPM		Sr.	No	:	NA					
Resolution : 10 RPM			Ide	ntification No	1	NA				
DUC Condition : Satisfactory			ation	:	LABORATO	RY				
		Envir	onmental Co	onditions & S	Standard Ope	erating Proced	ure Details			
Environmental Details Temperature:			e: 25.5°C	C Relative Humidity		52%Rh				
Calibration Procedure No SBS/CP/ML/0			04	Calibration done at O		ONSITE				
	1			Reference	Standards D	etails				
S.No	Description			Make/ SI No: Certi		Certificate N	Certificate No		Validity	
1	Digital Tachomete			LINE SEIKI	/ 175-0034V JRPM-CCTR-A&S-2023-0013		13	09-06-2024		
CALIE	BRATION RESULT	<u>s</u>							L	
3.NO			IDARD	DEVIATION		EXPANDED UNCERTAINTY				

S.No	CALIBRATION	INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	500	498.9	1.1	4.2
2	1500	1499.6	0.4	4.2
3	3000	2999.6	0.4	4.2

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 ICSHI (Calibration Engineer) K.SATHYAMOORTHY



Authorised Signatory

(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.



				CAL	IBRAT	ION	I CERT	TIFICA	TE		
CERT	TIFICATE N	O: SBS	S/CL/23/	1797			M	EDICAL DE	VICES	Page	No:1 of 1
Issue	Date					27-09	-2023				
SRF I	No & Date					SRF/	23/00419-00	02 & 26-09-	2023		
Rece	ipt Date					26-09	-2023				
Calib	ration Date					26-09	-2023				
Calib	ration Due					25-09	9-2024				
Custo	omer Name &	Addre	SS								
GOV	ERNMENT	JRBAN	PRIMA	RY HEALTH	CENTRE,						
THIR	UMURUGA	NPOO	VDI-6416	52, TIRUPPL	JR DISTRIC	Г.					
					Details of De	vice U	nder Calibra	tion (DUC)			
Description SEMI AUTO ANALYZER			Make & Model ROBONIK & PRIETE		ST TOUCH	H					
Range MULTI				Sr. No : ATCD0890519RB		ATCD0890519RBK					
Resolution MULTI			Identification No NA								
DUC Condition SATISFACTORY			Locat			LABORATORY					
				Environ	mental Cond	itions	& Calibration	Procedure			
Environmental Details Temperature:25.6°C			Relative Humidity		nidity						
Calibration Procedure No SBS/CP/MD/20			Calibration done at ONSITE								
					Refere	ence S	tandards De	tails			
S.No	Description	1			Make/ SI No	: Certifi		Certificate	ertificate No		
1 Electrical Safety Analyser Rigel Medica			al & 441	-1059	M-230809-16-4		10-08-202				

ELECTRICAL SAFETY

RESULTS	<u>l</u>		
S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	81	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	177	9.8
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	246	8.3

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

KSH4 (Calibration Engineer) K.SATHYAMOORTHY



Technical Manager (C.SHANMUGARAJ)

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.



IBRATION C	RTIFICATE			
	MEDICAL DEVICES	Page No:1 of 1		
27-09-2023				
SRF/23/004	19-0003 & 26-09-2023			
26-09-2023				
26-09-2023				
25-09-2024				
CENTRE,				
UR DISTRICT.				
Details of Device Under C	alibration (DUC)			
OPE) Make & Mod	el : UNILAI	B & JP-MIA		
Sr. No				
Identification	3			
Location				
	н			
	Is Details			
Make/ SI No:	Certificate No	Validity		
Rigel Medical & 44L-1059	M-230809-16-4	10-08-2024		
ELECTRICAL S	FETY			
MEASURED	ALUES E	EXPANDED UNCERTAINTY (±)		
Measured val	es in MΩ	Uncertainty in % (±)		
91		13.92		
Measured val	ues in μA	Uncertainty in % (±)		
	27-09-2023 SRF/23/004 26-09-2023 26-09-2023 26-09-2023 25-09-2024 CENTRE, JR DISTRICT. Details of Device Under Calibra Sr. No Identification Location mental Conditions & Calibra Reference Standard Make/ SI No: Rigel Medical & 44L-1059 ELECTRICAL SA Measured valu 91	27-09-2023 SRF/23/00419-0003 & 26-09-2023 26-09-2023 26-09-2024 CENTRE, JR DISTRICT. Details of Device Under Calibration (DUC) OPE) Make & Model UNILAI Sr. No NA Identification No NA Location LABOF Teference Standards Details 29 Calibration done at ONSIT Reference Standards Details Make/ SI No: Certificate No Rigel Medical & 44L-1059 M-230809-16-4 MEASURED VALUES MEASURED VALUES 91 Measured values in MΩ 91 Measured values in μA		

REMARKS

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.

<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.

141

Measured values in µA

226

Calibrated By

(Calibration Engineer) K.SATHYAMOORTHY



Technical Manager (C.SHANMUGARAJ)

Chief Executive

11.3

Uncertainty in % (±)

8.6

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.