



CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/11960	MECHANICAL	Page No:1 of 1	
Issue Date	29-09-2023			
SRF No & Date	SRF/23/00444-0001 & 27-09-2023			
Receipt Date	27-09-2023			
Calibration Date	27-09-2023			
Calibration Due	26-09-2024			
Customer Name & Address				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, SEMMIPALAYAM-641662, TIRUPPUR DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: CENTRIFUGE	Make & Model	: REMI & R-8C	
Range	: 5250 RPM	Sr. No	: ZGFN-11614	
Resolution	: 10 RPM	Identification No	: NA	
DUC Condition	: Satisfactory	Location	: LABORATORY	
Environmental Conditions & Standard Operating Procedure Details				
Environmental Details	Temperature: 24.3 °C	Relative Humidity	54 % Rh	
Calibration Procedure No	SBS/CP/ML/04	Calibration done at	ONSITE	
Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Digital Tachometer	LINE SEIKI / 175-0034V	JRPM-CCTR-A&S-2023-0013	09-06-2024

CALIBRATION RESULTS

S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	999.8	0.2	4.2
2	2000	1999.9	0.1	4.2
3	3000	2999.7	0.3	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


(Calibration Engineer)
E.ESWAR



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.

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/11961		MEDICAL DEVICES		Page No:1 of 1
Issue Date	29-09-2023			
SRF No & Date	SRF/23/00444-0002 & 27-09-2023			
Receipt Date	27-09-2023			
Calibration Date	27-09-2023			
Calibration Due	26-09-2024			
Customer Name & Address				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, SEMMIPALAYAM-641662, TIRUPPUR DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	MLW INTERMED & MLW LAB	
Range	MULTI	Sr. No	320007980714	
Resolution	MULTI	Identification No	NA	
DUC Condition	SATISFACTORY	Location	LABORATORY	
Environmental Conditions & Calibration Procedure Details				
Environmental Details	Temperature: 25.6°C	Relative Humidity	52% RH	
Calibration Procedure No	SBS/CP/MD/29	Calibration done at	ONSITE	
Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Electrical Safety Analyser	Rigel Medical & 44L-1059	M-230809-16-4	10-08-2024

ELECTRICAL SAFETY

RESULTS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resistance >20MΩ	Measured values in MΩ 88	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 118	Uncertainty in % (±) 8.1
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 235	Uncertainty in % (±) 7.2

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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.

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Authorised Signatory


(Calibration Engineer)
E.ESWAR




Technical Manager
C.SHANMUGARAJ

Chief Executive

SUNSHINE BIOMEDICAL SOLUTIONS

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CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/11962		MEDICAL DEVICES		Page No:1 of 1
Issue Date	29-09-2023			
SRF No & Date	SRF/23/00444-0003 & 27-09-2023			
Receipt Date	27-09-2023			
Calibration Date	27-09-2023			
Calibration Due	26-09-2024			
Customer Name & Address				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, SEMMIPALAYAM-641662, TIRUPPUR DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	SEMI AUTO ANALYZER	Make & Model	ROBONIK & PRIETEST TOUCH	
Range	MULTI	Sr. No	ATCD3080321RBK	
Resolution	MULTI	Identification No	NA	
DUC Condition	SATISFACTORY	Location	LABORATORY	
Environmental Conditions & Calibration Procedure Details				
Environmental Details	Temperature: 25.6 ° C	Relative Humidity	52% RH	
Calibration Procedure No	SBS/CP/MD/20	Calibration done at	ONSITE	
Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Electrical Safety Analyser	Rigel Medical & 44L-1059	M-230809-16-4	10-08-2024

ELECTRICAL SAFETY

RESULTS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance >20MΩ	Measured values in MΩ 97	Uncertainty in % (±) 13.92
2	Earth Leakage <5000μAfor B,BF,CF	Measured values in μA 125	Uncertainty in % (±) 8.0
3	Enclosure Leakage <500μAfor B,BF,CF	Measured values in μA 218	Uncertainty in % (±) 7.2

REMARKS

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