

## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/10362</b>		<b>MEDICAL DEVICES</b>		<b>Page No:1 of 1</b>
Issue Date	18-08-2023			
SRF No & Date	SRF/23/00320-0001 & 17-08-2023			
Receipt Date	17-08-2023			
Calibration Date	17-08-2023			
Calibration Due	16-08-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT COMMUNITY HEALTH CENTRE, PUDUPETTAI- 635651, TIRUPATTUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: SEMI AUTO ANALYZER	Make & Model	: ROBONIK & PRIETEST TOUCH	
Range	: MULTI	Sr. No	: APCD2930186BU	
Resolution	: MULTI	Identification No	: NA	
DUC Condition	: SATISFACTORY	Location	: LABORATORY	
<b>Environmental Conditions &amp; Calibration Procedure Details</b>				
Environmental Details	Temperature:25.6 ° C	Relative Humidity	52% RH	
Calibration Procedure No	SBS/CP/MD/20	Calibration done at	ONSITE	
<b>Reference Standards Details</b>				
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	Measured values in MΩ	Uncertainty in % ( ± )
	>20MΩ	96	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % ( ± )
	<5000μAfor B,BF,CF	159	7.6
3	Enclosure Leakage	Measured values in μA	Uncertainty in % ( ± )
	<500μAfor B,BF,CF	205	7.3

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

Calibrated By

Authorised Signatory

(Calibration Engineer)  
M.RAGUL



Technical Manager  
C.SHANMUGARAJ

Chief Executive

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
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## CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/10363	MECHANICAL	Page No:1 of 1
Issue Date	18-08-2023		
SRF No & Date	SRF/23/00320-0002 & 17-08-2023		
Receipt Date	17-08-2023		
Calibration Date	17-08-2023		
Calibration Due	16-08-2024		

### Customer Name & Address

GOVERNMENT COMMUNITY HEALTH CENTRE,  
PUDUPETTAI- 635651, TIRUPATTUR DISTRICT.

### Details of Device Under Calibration (DUC)

Description	: CENTRIFUGE	Make & Model	: BD INSTRUMENTATION & BD-153
Range	: 5000 RPM	Sr. No	: 76659
Resolution	: 50 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	Lutron & Q638380	JRPM-CCTR-A&S-2022-0036	03-10-2023

### CALIBRATION RESULTS

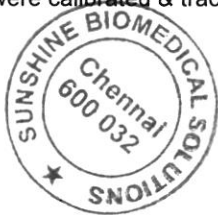
S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY ( ± )
	RPM	RPM	RPM	%
1	1000	999.5	0.5	4.2
2	2000	1999.7	0.3	4.2
3	3000	2999.5	0.5	4.2

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Calibrated By

  
(Calibration Engineer)  
M.RAGUL



Authorised Signatory

  
Quality Manager  
(D.VETRI SELVI)

Chief Executive

## **SUNSHINE BIOMEDICAL SOLUTIONS**

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
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## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/10364	MEDICAL DEVICES	Page No:1 of 1
Issue Date	18-08-2023	
SRF No & Date	SRF/23/00320-0003 & 17-08-2023	
Receipt Date	17-08-2023	
Calibration Date	17-08-2023	
Calibration Due	16-08-2024	

**Customer Name & Address**

GOVERNMENT COMMUNITY HEALTH CENTRE,  
PUDUPETTAI- 635651, TIRUPATTUR DISTRICT.

**Details of Device Under Calibration (DUC)**

Description : ELECTRICAL SAFETY (MICROSCOPE)	Make & Model : LAWRENCE MAYO & XSZ-N107T
Range : MULTI	Sr. No : 008843
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 95	Uncertainty in % ( ± ) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 184	Uncertainty in % ( ± ) 7.4
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 211	Uncertainty in % ( ± ) 7.3

**REMARKS**


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(Calibration Engineer)  
M.RAGUL



  
Technical Manager  
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