

## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12165	MEDICAL DEVICES	Page No:1 of 1
Issue Date	30-09-2023	
SRF No & Date	SRF/23/00496-0001 & 29-09-2023	
Receipt Date	29-09-2023	
Calibration Date	29-09-2023	
Calibration Due	28-09-2024	

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
PERUMANALLUR-641666, TIRUPPUR DISTRICT.

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

Description : SEMI AUTO ANALYZER	Make & Model : ROBONIK & PRIETEST TOUCH
Range : MULTI	Sr. No : ATCD3030321RBK
Resolution : MULTI	Identification No : NA
DUC Condition : SATISFACTORY	Location : BIO-CHEMISTRY

**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**

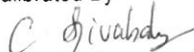
**RESULTS**

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	insulation Resistance >20MΩ	Measured values in MΩ 99	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 168	Uncertainty in % (±) 10.1
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 241	Uncertainty in % (±) 8.4

**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)  
C.SIVABALAN



Authorised Signatory

  
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

<b>CERTIFICATE NO:</b>	SBS/CL/23/12166	<b>MECHANICAL</b>	Page No:1 of 1	
Issue Date	30-09-2023			
SRF No & Date	SRF/23/00496-0002 & 29-09-2023			
Receipt Date	29-09-2023			
Calibration Date	29-09-2023			
Calibration Due	28-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT PRIMARY HEALTH CENTRE, PERUMANALLUR-641666, TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	CENTRIFUGE	Make & Model	B.D INSTRUMENTATION & BD-153	
Range	3500 RPM	Sr. No	76755	
Resolution	1 RPM	Identification No	NA	
DUC Condition	Satisfactory	Location	LABORATORY	
<b>Environmental Conditions &amp; Standard Operating Procedure Details</b>				
Environmental Details	Temperature: 24.3 °C	Relative Humidity	54 % Rh	
Calibration Procedure No	SBS/CP/ML/04	Calibration done at	ONSITE	
<b>Reference Standards Details</b>				
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

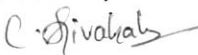
### CALIBRATION RESULTS

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

### REMARKS


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Calibrated By

  
(Calibration Engineer)  
C.SIVABALAN



Authorised Signatory

  
 Quality Manager  
(C.SIVABALAN)
  Chief Executive

## SUNSHINE BIOMEDICAL SOLUTIONS

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## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12167	MEDICAL DEVICES	Page No:1 of 1
Issue Date	30-09-2023	
SRF No & Date	SRF/23/00496-0003 & 29-09-2023	
Receipt Date	29-09-2023	
Calibration Date	29-09-2023	
Calibration Due	28-09-2024	

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
PERUMANALLUR-641666, TIRUPPUR DISTRICT.

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

Description : ELECTRICAL SAFETY (MICROSCOPE)	Make & Model : FOCUS & BPM-3
Range : MULTI	Sr. No : CM/L-2197459
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 100	Uncertainty in % ( ± ) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 171	Uncertainty in % ( ± ) 10.0
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 213	Uncertainty in % ( ± ) 8.9

**REMARKS**

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