

## CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/11802	MECHANICAL	Page No:1 of 1
Issue Date	27-09-2023		
SRF No & Date	SRF/23/00421-0001 & 26-09-2023		
Receipt Date	26-09-2023		
Calibration Date	26-09-2023		
Calibration Due	25-09-2024		

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
NAMBIYAMPALAYAM-641670, TIRUPPUR DISTRICT.

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

Description : CENTRIFUGE	Make & Model : B.D INSTRUMENTATION & BDI-152
Range : 3000 RPM	Sr. No : NA
Resolution : 10 RPM	Identification No : NA
DUC Condition : Satisfactory	Location : LABORATORY

**Environmental Conditions & Standard Operating Procedure Details**

Environmental Details	Temperature: 25.5°C	Relative Humidity	52%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	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	1000	999.0	1.0	4.2
2	2000	1999.6	0.4	4.2
3	3000	2999.5	0.5	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

*M.D*  
(Calibration Engineer)  
M.DINESH



Authorised Signatory

*C. Sivabalan* (Quality Manager)    
  (Chief Executive)  
 (C.SIVABALAN)

### 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: SBS/CL/23/11803</b>		<b>MEDICAL DEVICES</b>		<b>Page No:1 of 1</b>
Issue Date	27-09-2023			
SRF No & Date	SRF/23/00421-0002 & 26-09-2023			
Receipt Date	26-09-2023			
Calibration Date	26-09-2023			
Calibration Due	25-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT PRIMARY HEALTH CENTRE, NAMBIYAMPALAYAM-641670,TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	ELECTRICAL SAFETY(MICROSCOPE)	Make & Model	LAWRANCE&MAYO & XSZ-N107T	
Range	MULTI	Sr. No	G2019011505	
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/29	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	<b>Insulation Resitance</b> >20MΩ	Measured values in MΩ 87	Uncertainty in % ( ± ) 13.92
2	<b>Earth Leakage</b> <5000µAfor B,BF,CF	Measured values in µA 195	Uncertainty in % ( ± ) 9.3
3	<b>Enclosure Leakage</b> <500µAfor B,BF,CF	Measured values in µA 241	Uncertainty in % ( ± ) 8.4

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Calibrated By

  
(Calibration Engineer)  
M.DINESH



Authorised Signatory

  
Technical Manager  
(C.SHANMUGARAJ)

Chief Executive

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## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/11804</b>		<b>MEDICAL DEVICES</b>		Page No:1 of 1
Issue Date	27-09-2023			
SRF No & Date	SRF/23/00421-0003 & 26-09-2023			
Receipt Date	26-09-2023			
Calibration Date	26-09-2023			
Calibration Due	25-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT PRIMARY HEALTH CENTRE, NAMBIYAMPALAYAM-641670, TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	SEMI AUTO ANALYZER	Make & Model	ROBONIK & PRIETEST TOUCH	
Range	MULTI	Sr. No	AT4590211RBK	
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 Resistance >20MΩ	Measured values in MΩ 91	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 151	Uncertainty in % (±) 10.8
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 221	Uncertainty in % (±) 8.7

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