



## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/13020</b>		<b>MEDICAL DEVICES</b>		<b>Page No:1 of 1</b>
Issue Date		06-10-2023		
SRF No & Date		SRF/23/00596-0004 & 05-10-2023		
Receipt Date		05-10-2023		
Calibration Date		05-10-2023		
Calibration Due		04-10-2024		
<b>Customer Name &amp; Address</b>				
GOVERNMENT PRIMARY HEALTH CENTRE, DADHAPURAM-604307,VILLUPURAM DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description : ELECTRICAL SAFETY (MICROSCOPE)		Make & Model : LABOMED & NA		
Range : MULTI		Sr. No : 130661085		
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>				
<b>S.No</b>	<b>Description</b>	<b>Make/ SI No:</b>	<b>Certificate No</b>	<b>Validity</b>
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 Resisitance</b>	<b>Measured values in MΩ</b>	<b>Uncertainty in % ( ± )</b>
	>20MΩ	88	13.92
2	<b>Earth Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<5000μAfor B,BF,CF	168	10.1
3	<b>Enclosure Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<500μAfor B,BF,CF	241	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)  
M.DINESH



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,  
E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



## CALIBRATION CERTIFICATE


<b>CERTIFICATE NO:</b>	SBS/CL/23/13021	<b>MECHANICAL</b>	<b>Page No:1 of 1</b>	
Issue Date	06-10-2023			
SRF No & Date	SRF/23/00596-0005 & 05-10-2023			
Receipt Date	05-10-2023			
Calibration Date	05-10-2023			
Calibration Due	04-10-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT PRIMARY HEALTH CENTRE, DADHAPURAM-604307,VILLUPURAM DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: CENTRIFUGE	Make & Model	: B.D INSTRUMENTATION & BDI-152	
Range	: 3500 RPM	Sr. No	: NA	
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	Lutron & DT-2238	JRPM-CCTR-A&S-2022-0036	03-10-2023

### CALIBRATION RESULTS

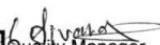
S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY ( ± )
	RPM	RPM	RPM	%
1	1000	999.9	0.1	4.2
2	2000	1996	4	4.2
3	3000	2997	3	4.2

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Calibrated By  
  
(Calibration Engineer)  
M.DINESH



Authorised Signatory  
  
 Quality Manager  
(C.SIVABALAN)  Chief Executive

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## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/13022</b>		<b>MEDICAL DEVICES</b>		<b>Page No:1 of 1</b>
Issue Date	06-10-2023			
SRF No & Date	SRF/23/00596-0005 & 05-10-2023			
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Calibration Date	05-10-2023			
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<b>Customer Name &amp; Address</b>				
GOVERNMENT PRIMARY HEALTH CENTRE, DADHAPURAM-604307,VILLUPURAM DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: SEMI AUTO ANALYZER	Make & Model	: ROBOINK & PRIETEST TOUCH	
Range	: MULTI	Sr. No	: AT1390413RBK	
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	<b>Insulation Resisitance</b>	<b>Measured values in MΩ</b>	<b>Uncertainty in % ( ± )</b>
	>20MΩ	100	13.92
2	<b>Earth Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<5000μAfor B,BF,CF	158	7.6
3	<b>Enclosure Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<500μAfor B,BF,CF	229	7.2

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