

## CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/12397	MECHANICAL	Page No:1 of 1	
Issue Date	30-09-2023			
SRF No & Date	SRF/23/00524-0001 & 30-09-2023			
Receipt Date	30-09-2023			
Calibration Date	30-09-2023			
Calibration Due	29-09-2024			
<b>Customer Name &amp; Address</b>				
LRGR URBAN COMMUNITY HEALTH CENTRE, NEW RAMAKRISHNAPURAM, TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: CENTRIFUGE	Make & Model	: REMI & R-8C	
Range	: 5250 RPM	Sr. No	: ZEAN-03118	
Resolution	: 10 RPM	Identification No	: NA	
DUC Condition	: Satisfactory	Location	: LABORATORY	
<b>Environmental Conditions &amp; Standard Operating Procedure Details</b>				
Environmental Details	Temperature: 25.3°C	Relative Humidity	55% 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	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY
	RPM	RPM	RPM	%
1	1000	999.2	0.8	5.8
2	2000	1999.7	0.3	5.8
3	3500	3499.6	0.4	5.8

### REMARKS

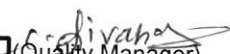
- 1.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2.The user should determine the suitability of the instrument for its intended use.
- 3.The recalibration interval should be determined on the user requirement.
- 4.The results stated 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.RAGUL



Authorised Signatory

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

## 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/23/12398		MEDICAL DEVICES		Page No:1 of 1
Issue Date	30-09-2023			
SRF No & Date	SRF/23/00524-0002 & 30-09-2023			
Receipt Date	30-09-2023			
Calibration Date	30-09-2023			
Calibration Due	29-09-2024			
<b>Customer Name &amp; Address</b>				
LRGR URBAN COMMUNITY HEALTH CENTRE, NEW RAMAKRISHNAPURAM, TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	SEMI AUTO ANALYZER	Make & Model	ROBONIK & PRIETEST TOUCH	
Range	MULTI	Sr. No	ATCD2980321RBK	
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 Resistance</b> >20MΩ	<b>Measured values in MΩ</b> 90	<b>Uncertainty in % (±)</b> 13.92
2	<b>Earth Leakage</b> <5000μAfor B,BF,CF	<b>Measured values in μA</b> 185	<b>Uncertainty in % (±)</b> 7.4
3	<b>Enclosure Leakage</b> <500μAfor B,BF,CF	<b>Measured values in μA</b> 241	<b>Uncertainty in % (±)</b> 7.2

#### REMARKS

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

## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/12399</b>		<b>MEDICAL DEVICES</b>		<b>Page No:1 of 1</b>
Issue Date	30-09-2023			
SRF No & Date	SRF/23/00524-0003 & 30-09-2023			
Receipt Date	30-09-2023			
Calibration Date	30-09-2023			
Calibration Due	29-09-2024			
<b>Customer Name &amp; Address</b>				
LRGR URBAN COMMUNITY HEALTH CENTRE, NEW RAMAKRISHNAPURAM, TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	LAWRENCE MAYO & XSZ-N1077	
Range	MULTI	Sr. No	008625	
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 Resistance</b> >20MΩ	<b>Measured values in MΩ</b> 95	<b>Uncertainty in % ( ± )</b> 13.92
2	<b>Earth Leakage</b> <5000μAfor B,BF,CF	<b>Measured values in μA</b> 172	<b>Uncertainty in % ( ± )</b> 7.5
3	<b>Enclosure Leakage</b> <500μAfor B,BF,CF	<b>Measured values in μA</b> 227	<b>Uncertainty in % ( ± )</b> 7.2

#### REMARKS

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- 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

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