



## CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/11754	MECHANICAL	Page No:1 of 1	
Issue Date	26-09-2023			
SRF No & Date	SRF/23/00405-0001 & 25-09-2023			
Receipt Date	25-09-2023			
Calibration Date	25-09-2023			
Calibration Due	24-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, PONGALUR-641667,TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: CENTRIFUGE	Make & Model	: MICROSIL & T-10	
Range	: 5250 RPM	Sr. No	: NA	
Resolution	: 10 RPM	Identification No	: NA	
DUC Condition	: Satisfactory	Location	: LAB	
<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	2000	1999.8	0.2	4.2
2	3000	2999.8	0.2	4.2
3	4000	3999.9	0.1	4.2

2

- 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)  
K.SATHYAMOORTHY



Authorised Signatory

  
 Quality Manager  
(C.SIVABALAN)  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: SBS/CL/23/11755</b>		<b>MEDICAL DEVICES</b>		<b>Page No:1 of 1</b>
Issue Date	26-09-2023			
SRF No & Date	SRF/23/00405-0002 & 25-09-2023			
Receipt Date	25-09-2023			
Calibration Date	25-09-2023			
Calibration Due	24-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, PONGALUR-641667,TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	LABOMED & LX-400	
Range	MULTI	Sr. No	1583339	
Resolution	MULTI	Identification No	NA	
DUC Condition	SATISFACTORY	Location	LAB	
<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	Insulation Resisitance >20MΩ	Measured values in MΩ 97	Uncertainty in % ( ± ) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 125	Uncertainty in % ( ± ) 8.0
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 225	Uncertainty in % ( ± ) 7.2

#### REMARKS

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- The recalibration interval should be determined on the user requirement.
- The results stated in this certificate relate only to the item calibrated.
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
- Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

*KSM*  
(Calibration Engineer)  
K.SATHYAMOORTHY



*CS*  
 Technical Manager  
C.SHANMUGARAJ

Chief Executive

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## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/11756		MEDICAL DEVICES		Page No:1 of 1
Issue Date	26-09-2023			
SRF No & Date	SRF/23/00405-0003 & 25-09-2023			
Receipt Date	25-09-2023			
Calibration Date	25-09-2023			
Calibration Due	24-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, PONGALUR-641667,TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	SEMI AUTO ANALYZER	Make & Model	ROBONIK & PRIETEST TOUCH	
Range	MULTI	Sr. No	ATCD3040321RBK	
Resolution	MULTI	Identification No	NA	
DUC Condition	SATISFACTORY	Location	LAB	
<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	97	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % ( ± )
	<5000μAfor B,BF,CF	175	7.5
3	Enclosure Leakage	Measured values in μA	Uncertainty in % ( ± )
	<500μAfor B,BF,CF	235	7.2

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Calibrated By

Authorised Signatory

*KSTH*  
(Calibration Engineer)  
K.SATHYAMOORTHY



*CS*  
Technical Manager  
C.SHANMUGARAJ

Chief Executive

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