



## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/12889</b>	<b>MEDICAL DEVICES</b>	<b>Page No:1 of 1</b>
Issue Date	07-10-2023	
SRF No & Date	SRF/23/00640-0001 & 06-10-2023	
Receipt Date	06-10-2023	
Calibration Date	06-10-2023	
Calibration Due	05-10-2024	

### Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
KADAMALAIKUNDU-625579, THENI DISTRICT.

### Details of Device Under Calibration (DUC)

Description	: SEMI AUTO ANALYZER	Make & Model	: ROBONIK & PRIETEST TOUCH
Range	: MULTI	Sr. No	: ATCD3641220RBK
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/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	Measured values in MΩ	Uncertainty in % ( ± )
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % ( ± )
	<5000μAfor B,BF,CF	125	8.0
3	Enclosure Leakage	Measured values in μA	Uncertainty in % ( ± )
	<500μAfor B,BF,CF	235	7.2

#### 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

  
(Calibration Engineer)  
P.PRASANNA

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/23/12890	<b>MECHANICAL</b>	Page No:1 of 1
Issue Date	07-10-2023		
SRF No & Date	SRF/23/00640-0002 & 06-10-2023		
Receipt Date	06-10-2023		
Calibration Date	06-10-2023		
Calibration Due	05-10-2024		

**Customer Name & Address**  
GOVERNMENT PRIMARY HEALTH CENTRE,  
KADAMALAIKUNDU-625579, THENI DISTRICT.

### Details of Device Under Calibration (DUC)

Description : CENTRIFUGE	Make & Model : M.C.DALAL&CO & NA
Range : 3500 RPM	Sr. No : MCD-419
Resolution : 1 RPM	Identification No : NA
DUC Condition : Satisfactory	Location : LABORATORY

### Environmental Conditions & Standard Operating Procedure Details

Environmental Details	Temperature: 24.3 °C	Relative Humidity	54 % 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	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	1998	2	4.2
3	3000	2999	1	4.2

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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

  
(Calibration Engineer)  
P.PRASANNA



Authorised Signatory

  
Quality Manager  
(C.SIVABALAN)

Chief Executive

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## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12891	MEDICAL DEVICES	Page No:1 of 1
Issue Date	07-10-2023	
SRF No & Date	SRF/23/00640-0003 & 06-10-2023	
Receipt Date	06-10-2023	
Calibration Date	06-10-2023	
Calibration Due	05-10-2024	

### Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
KADAMALAIKUNDU-625579, THENI DISTRICT.

### Details of Device Under Calibration (DUC)

Description	: ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	: LABOMED & VISION 2000
Range	: MULTI	Sr. No	: CM/L943785
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 Resisitance	Measured values in MΩ	Uncertainty in % ( ± )
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % ( ± )
	<5000µAfor B,BF,CF	125	12.3
3	Enclosure Leakage	Measured values in µA	Uncertainty in % ( ± )
	<500µAfor B,BF,CF	229	8.6

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- 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)  
P.PRASANNA

  
Technical Manager  
C.SHANMUGARAJ

Chief Executive



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Issue Date		07-10-2023			
SRF No & Date		SRF/23/00640-0004 & 06-10-2023			
Receipt Date		06-10-2023			
Calibration Date		06-10-2023			
Calibration Due		05-10-2024			
<b>Customer Name &amp; Address</b>					
GOVERNMENT PRIMARY HEALTH CENTRE, KADAMALAIKUNDU-625579, THENI DISTRICT.					
<b>Details of Device Under Calibration (DUC)</b>					
Description : HEAMOTOLOGY ANALYZER		Make & Model : SYSMEX & XP-100			
Range : MULTI		Sr. No : B5903			
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/24		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	Insulation Resistance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	88	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μA for B,BF,CF	175	9.9
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μA for B,BF,CF	235	8.5

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