



## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/12897</b>	<b>MEDICAL DEVICES</b>	<b>Page No:1 of 1</b>
Issue Date	07-10-2023	
SRF No & Date	SRF/23/00643-0001 & 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,  
KUPPANASARIYAPATTI-625528, THENI DISTRICT.

Details of Device Under Calibration (DUC)			
Description	SEMI AUTOANALYZER	Make & Model	ROBONIK & PRISTEST TOUCH
Range	MULTI	Sr. No	ATCO210916RBK
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

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	<b>Insulation Resisitance</b>	<b>Measured values in MΩ</b>	<b>Uncertainty in % ( ± )</b>
	>20MΩ	87	13.92
2	<b>Earth Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<5000μAfor B,BF,CF	202	9.1
3	<b>Enclosure Leakage</b>	<b>Measured values in μA</b>	<b>Uncertainty in % ( ± )</b>
	<500μAfor B,BF,CF	236	8.5

- 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,  
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## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO:</b>	<b>SBS/CL/23/12898</b>	<b>MECHANICAL</b>	Page No:1 of 1
Issue Date	07-10-2023		
SRF No & Date	SRF/23/00643-0002 & 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,  
KUPPANASARIYAPATTI-625528, THENI DISTRICT.

### Details of Device Under Calibration (DUC)

Description	: CENTRIFUGE	Make & Model	: REMI & R-31
Range	: 0-5250 RPM	Sr. No	: 20111695
Least Count	: 10 RPM	Identification No	: NA
DUC Condition	: Satisfactory	Location	: LABORATORY

### Environmental Conditions & Standard Operating Procedure Details

Environmental Details	Temperature: 25.6 °C	Relative Humidity	57% 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	999.8	0.2	4.2
2	2000	1999.7	0.3	4.2
3	3500	3498.8	1.2	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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