



## CALIBRATION CERTIFICATE

<b>CERTIFICATE NO: SBS/CL/23/12394</b>		<b>MEDICAL DEVICES</b>	<b>Page No:1 of 1</b>	
Issue Date	30-09-2023			
SRF No & Date	SRF/23/00485-0003 & 29-09-2023			
Receipt Date	29-09-2023			
Calibration Date	29-09-2023			
Calibration Due	28-09-2024			
<b>Customer Name &amp; Address</b>				
GOVERNMENT URBAN PRIMARY HEALTH CENTRE, KANGEYAM-638701, TIRUPPUR DISTRICT.				
<b>Details of Device Under Calibration (DUC)</b>				
Description	: SEMI AUTO ANALYZER	Make & Model	: ROBONIK & PRIETEST TOUCH	
Range	: MULTI	Sr. No	: ATCD3000321RBK	
Resolution	: MULTI	Identification No	: NA	
DUC Condition	: SATISFACTORY	Location	: BIO CHEMISTRY	
<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 Resistance >20MΩ	Measured values in MΩ 82	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µA for B,BF,CF	Measured values in µA 195	Uncertainty in % (±) 9.3
3	Enclosure Leakage <500µA for B,BF,CF	Measured values in µA 226	Uncertainty in % (±) 8.6

#### 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

Authorised Signatory

  
(Calibration Engineer)  
E.ESWAR



  
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

CERTIFICATE NO:	SBS/CL/23/12395	MECHANICAL	Page No:1 of 1
Issue Date	30-09-2023		
SRF No & Date	SRF/23/00485-0004 & 29-09-2023		
Receipt Date	29-09-2023		
Calibration Date	29-09-2023		
Calibration Due	28-09-2024		

**Customer Name & Address**

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,  
KANGEYAM-638701, TIRUPPUR DISTRICT.

**Details of Device Under Calibration (DUC)**

Description	: CENTRIFUGE	Make & Model	: B.D.INSTRUMENTATION & BDI-153
Range	: 3000 RPM	Sr. No	: 76343
Resolution	: 1 RPM	Identification No	: NA
DUC Condition	: Satisfactory	Location	: LABORATORY

**Environmental Conditions & Standard Operating Procedure Details**

Environmental Details	Temperature: 25.5°C	Relative Humidity	52%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	999.0	1.0	4.2
2	1500	1499.5	0.5	4.2
3	3500	3499.6	0.4	4.2

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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

  
(Calibration Engineer)  
E.ESWAR



Authorised Signatory

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

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