

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12359	MEDICAL DEVICES	Page No:1 of 1
Issue Date	30-09-2023	
SRF No & Date	SRF/23/00517-0001 & 29-09-2023	
Receipt Date	29-09-2023	
Calibration Date	29-09-2023	
Calibration Due	28-09-2024	

Customer Name & Address
 GOVERNMENT PRIMARY HEALTH CENTRE,
 SEMBAKKAM-603108, CHENGALPATTU DISTRICT.

Details of Device Under Calibration (DUC)

Description : SEMI AUTO ANALYZER	Make & Model : ROBONIK & NA
Range : MULTI	Sr. No : ATCD0140119RBK
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 Resisitance >20MΩ	Measured values in MΩ 90	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 160	Uncertainty in % (±) 7.6
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 230	Uncertainty in % (±) 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

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

CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/12360	MECHANICAL	Page No:1 of 1	
Issue Date	30-09-2023			
SRF No & Date	SRF/23/00517-0002 & 29-09-2023			
Receipt Date	29-09-2023			
Calibration Date	29-09-2023			
Calibration Due	28-09-2024			
Customer Name & Address				
GOVERNMENT PRIMARY HEALTH CENTRE, SEMBAKKAM-603108,CHENGALPATTU DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: CENTRIFUGE	Make & Model	: REMI & R-8C	
Range	: 5250 RPM	Sr. No	: ZEKN-38430	
Resolution	: 10 RPM	Identification No	: NA	
DUC Condition	: Satisfactory	Location	: LABORATORY	
Environmental Conditions & Standard Operating Procedure Details				
Environmental Details	Temperature: 25.3°C	Relative Humidity	55% 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	999.2	0.8	5.8
2	2000	1999.7	0.3	5.8
3	3500	3499.6	0.4	5.8

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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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