

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/13524		MEDICAL DEVICES		Page No:1 of 1
Issue Date	07-10-2023			
SRF No & Date	SRF/23/00625-0003 & 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(KANDAMANADY BLOCK), AARASAMANGALAM-605105,VILLUPURAM DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: SEMI AUTOANALYZER	Make & Model	: ROBONIK & PRISTEST TOUCH	
Range	: MULTI	Sr. No	: AT4310211RBK	
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 Resitance >20MΩ	Measured values in MΩ 87	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 202	Uncertainty in % (±) 9.1
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 236	Uncertainty in % (±) 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

Authorised Signatory


(Calibration Engineer)
M.DINESH




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/23/13525		MEDICAL DEVICES		Page No:1 of 1
Issue Date	07-10-2023			
SRF No & Date	SRF/23/00625-0004 & 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(KANDAMANADY BLOCK), AARASAMANGALAM-605105,VILLUPURAM DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	: LABOMED & CXL PLUS	
Range	: MULTI	Sr. No	: 130661062	
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 >20MΩ	Measured values in MΩ 77	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 225	Uncertainty in % (±) 8.7
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 214	Uncertainty in % (±) 8.9

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M.DINESH




Technical Manager
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CALIBRATION CERTIFICATE

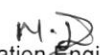
CERTIFICATE NO:	SBS/CL/23/13526	MECHANICAL	Page No:1 of 1	
Issue Date	07-10-2023			
SRF No & Date	SRF/23/00625-0005 & 06-10-2023			
Receipt Date	06-10-2023			
Calibration Date	06-10-2023			
Calibration Due	05-10-2024			
<u>Customer Name & Address</u>				
GOVERNMENT PRIMARY HEALTH CENTRE(KANDAMANADY BLOCK), AARASAMANGALAM-605105,VILLUPURAM DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: CENTRIFUGE	Make & Model	: LABOTECH & BDI-152	
Range	: 3500 RPM	Sr. No	: NA	
Least Count	: 1 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

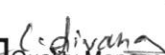
S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	999.7	0.3	4.2
2	2000	1999.7	0.3	4.2
3	3000	2999.6	0.4	4.2

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Calibrated By

(Calibration Engineer)
M.DINESH



Authorised Signatory
  Quality Manager
C.SIVABALAN
 Chief Executive

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