



CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/11796	MECHANICAL	Page No:1 of 1
Issue Date	27-09-2023		
SRF No & Date	SRF/23/00419-0001 & 26-09-2023		
Receipt Date	26-09-2023		
Calibration Date	26-09-2023		
Calibration Due	25-09-2024		

Customer Name & Address
 GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
 THIRUMURUGANPOONDI-641652, TIRUPPUR DISTRICT.

Details of Device Under Calibration (DUC)

Description : CENTRIFUGE	Make & Model : B.D INSTRUMENTATION & BDI-152
Range : 3000 RPM	Sr. No : NA
Resolution : 10 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	500	498.9	1.1	4.2
2	1500	1499.6	0.4	4.2
3	3000	2999.6	0.4	4.2

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)
 K.SATHYAMOORTHY



Authorised Signatory

 <input type="checkbox"/> (Quality Manager) (C.SIVABALAN)	<input type="checkbox"/> (Chief Executive)
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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/23/11797		MEDICAL DEVICES		Page No:1 of 1
Issue Date	27-09-2023			
SRF No & Date	SRF/23/00419-0002 & 26-09-2023			
Receipt Date	26-09-2023			
Calibration Date	26-09-2023			
Calibration Due	25-09-2024			
Customer Name & Address				
GOVERNMENT URBAN PRIMARY HEALTH CENTRE, THIRUMURUGANPOONDI-641652, TIRUPPUR DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	SEMI AUTO ANALYZER	Make & Model	ROBONIK & PRIETEST TOUCH	
Range	MULTI	Sr. No	ATCD0890519RBK	
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	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	81	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	177	9.8
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	246	8.3

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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

Authorised Signatory

KSTH
(Calibration Engineer)
K.SATHYAMOORTHY



C.S.
Technical Manager
(C.SHANMUGARAJ)

Chief Executive



CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/11798		MEDICAL DEVICES		Page No:1 of 1
Issue Date	27-09-2023			
SRF No & Date	SRF/23/00419-0003 & 26-09-2023			
Receipt Date	26-09-2023			
Calibration Date	26-09-2023			
Calibration Due	25-09-2024			
Customer Name & Address				
GOVERNMENT URBAN PRIMARY HEALTH CENTRE, THIRUMURUGANPOONDI-641652, TIRUPPUR DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	ELECTRICAL SAFETY(MICROSCOPE)	Make & Model	UNILAB & JP-MIA	
Range	MULTI	Sr. No	NA	
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 Resistance >20MΩ	Measured values in MΩ 91	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 141	Uncertainty in % (±) 11.3
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 226	Uncertainty in % (±) 8.6

REMARKS

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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

Authorised Signatory

Ksfy
(Calibration Engineer)
K.SATHYAMOORTHY



C.Shanmugaraaj
Technical Manager
(C.SHANMUGARAJ)

Chief Executive