



CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/13861	MECHANICAL	Page No:1 of 1	
Issue Date	15-09-2023			
SRF No & Date	SRF/23/00828-0001 & 14-09-2023			
Receipt Date	14-09-2023			
Calibration Date	14-09-2023			
Calibration Due	13-09-2024			
Customer Name & Address				
GOVERNMENT PRIMARY HEALTH CENTRE, MUTTAL-636112,SALEM DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: CENTRIFUGE	Make & Model	: REMI & C854/8	
Range	: 5250 RPM	Sr. No	: NA	
Resolution	: 10 RPM	Identification No	: NA	
DUC Condition	: Satisfactory	Location	: LABORATORY	
Environmental Conditions & Standard Operating Procedure Details				
Environmental Details	Temperature: 24.3 °C	Relative Humidity	54 % 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	Lutron & DT-2238	JRPM-CCTR-A&S-2022-0036	03-10-2023

CALIBRATION RESULTS

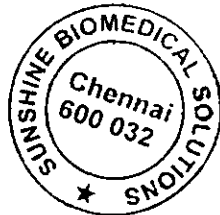
S.No	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY (±)
	RPM	RPM	RPM	%
1	1000	999.9	0.1	4.2
2	2000	1997	3	4.2
3	3000	2999	1	4.2

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)
P.PRASANNA



Authorised Signatory


 Quality Manager Chief Executive
(C.SIVABALAN)

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/CLJ/23/13862		MEDICAL DEVICES		Page No:1 of 1
Issue Date	15-09-2023			
SRF No & Date	SRF/23/00828-0002 & 14-09-2023			
Receipt Date	14-09-2023			
Calibration Date	14-09-2023			
Calibration Due	13-09-2024			
Customer Name & Address				
GOVERNMENT PRIMARY HEALTH CENTRE, MUTTAL-636112, SALEM DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: SEMI AUTO ANALYZER	Make & Model	: ROBONIK & PRIETEST TOUCH	
Range	: MULTI	Sr. No	: AT1410211RBK	
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

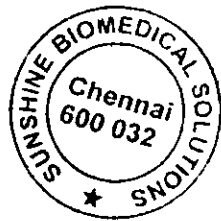
S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	97	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	167	7.6
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	212	7.3

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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)
P.PRASANNA



Authorised Signatory


Technical Manager
C.SHANMUGARAJ

Chief Executive

SUNSHINE BIOMEDICAL SOLUTIONS

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CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/13863	THERMAL	Page No:1 of 1	
Issue Date	15-09-2023			
SRF No & Date	SRF/23/00828-0003 & 14-09-2023			
Receipt Date	14-09-2023			
Calibration Date	14-09-2023			
Calibration Due	13-09-2024			
Customer Name & Address				
GOVERNMENT PRIMARY HEALTH CENTRE, MUTTAL-636112,SALEM DISTRICT.				
Details of Device Under Callbration (DUC)				
Description	TEMPERATURE INDICATOR WITH SENSOR OF (REFRIGERATOR)	Make & Model	KELVINATOR & KRE/83/2014	
Range	2-8 °C	Sr. No	980614261386303748	
Resolution	0.1 °C	Identification No	NA	
DUC Condition	Satisfactory	Location	LABORATORY	
Environmental Conditions & Calibration Procedure Details				
Environmental Details	Temperature: 25.8°C	Relative Humidity	54% Rh	
Calibration Procedure No	SBS/CP/TH/04	Calibration done at	ONSITE	
Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	RTD Sensor with paperless Recorder	Tempsens & Tempsens / TD09200218	TMS/22/62 01	10-11-2023

CALIBRATION RESULTS

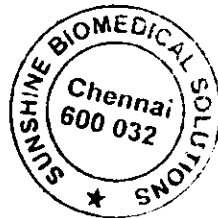
S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)
	°C	°C	°C	°C
1	3.0	2.9	0.1	0.62
2	5.0	4.8	0.2	0.62
3	8.0	7.7	0.3	0.62

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
7. Temperature Scale:International Temperature Scale,1990(ITS-90)

Calibrated By


(Calibration Engineer)
P.PRASANNA



Authorised Signatory


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

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