SUNSHINE

CALIBRATION CERTIFICATE

CERTIFICATE NO:	SBS/CL/23/12441	MECHANICAL	Page No:1 of 1

Issue Date	30-09-2023
SRF No & Date	SRF/23/00535-0001 & 30-09-2023
Receipt Date	30-09-2023
Calibration Date	30-09-2023
Calibration Due	29-09-2024

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
NESAVALOR-641602,TIRUPPUR DISTRICT.

Details of Device Under Calibration (DUC)

Description	:	CENTRIFUGE	Make & Model	:	REMI & C-854/4
Range	:	3500 RPM	Sr. No	:	ZBHN-22429
Resolution	:	1 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/ Sl 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	1998	2	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

M. Adhiban

(Calibration Engineer)

M.ADHIBAN

SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032

Authorised Signatory

C. Sivabalan

Quality Manager

(C.SIVABALAN)

Chief Executive

SUNSHINE

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12442	MEDICAL DEVICES	Page No:1 of 1
Issue Date	30-09-2023	
SRF No & Date	SRF/23/00535-0002 & 30-09-2023	
Receipt Date	30-09-2023	
Calibration Date	30-09-2023	
Calibration Due	29-09-2024	

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
NESAVALOR-641602,TIRUPPUR DISTRICT.

Details of Device Under Calibration (DUC)

Description	:	SEMI AUTO ANALYZER	Make & Model	:	ROBONIK & PRIETEST TOUCH
Range	:	MULTI	Sr. No	:	ATCD1320818RBK
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/ Sl 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	125	8.0
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	235	7.2

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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

M.Adhiban
(Calibration Engineer)
M.ADHIBAN

SUNSHINE BIOMEDICAL SOLUTION Chennai 600 032

Authorised Signatory

☐ Technical Manager
C.SHANMUGARAJ

☐ Chief Executive

SUNSHINE

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12443	MEDICAL DEVICES	Page No:1 of 1
Issue Date	30-09-2023	
SRF No & Date	SRF/23/00535-0003 & 30-09-2023	
Receipt Date	30-09-2023	
Calibration Date	30-09-2023	
Calibration Due	29-09-2024	

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
NESAVALOR-641602,TIRUPPUR DISTRICT.

Details of Device Under Calibration (DUC)

Description	:	ELECTRICAL SAFETY (CELL COUNTER)	Make & Model	:	SYSMEX & XP-300
Range	:	MULTI	Sr. No	:	B8015
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/ Sl 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	125	12.3
3	**Enclosure Leakage**	**Measured values in µA**	**Uncertainty in % (±)**
	<500µAfor B,BF,CF	229	8.6

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(Calibration Engineer)
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SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032

Authorised Signatory

C.Shan
Technical Manager
C.SHANMUGARAJ

Chief Executive

SUNSHINE

CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12444	MEDICAL DEVICES	Page No:1 of 1
Issue Date	30-09-2023	
SRF No & Date	SRF/23/00535-0004 & 30-09-2023	
Receipt Date	30-09-2023	
Calibration Date	30-09-2023	
Calibration Due	29-09-2024	

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
NESAVALOR-641602,TIRUPPUR DISTRICT.

Details of Device Under Calibration (DUC)

Description	:	ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	:	KWALITY & KXB-1005
Range	:	MULTI	Sr. No	:	3929
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/ Sl 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	88	13.92
2	Earth Leakage	Measured values in µA	Uncertainty in % (±)
	<5000µAfor B,BF,CF	119	8.1
3	Enclosure Leakage	Measured values in µA	Uncertainty in % (±)
	<500µAfor B,BF,CF	236	7.2

REMARKS

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