



## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/09325

MEDICAL DEVICES

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Issue Date

29-07-2023

SRF No & Date

SRF/23/00277- 0002 & 27-07-2023

Receipt Date

27-07-2023

Calibration Date

27-07-2023

Calibration Due

26-07-2024

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
EDAYAMELUR-630562.

### Details of Device Under Calibration (DUC)

Description	: ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	: LAWRENCE MAYA & XSZ-N107T
Range	: MULTI	Sr. No	: C2019011516
Resolution	: MULTI	Identification No	: NA
DUC Condition	: SATISFACTORY	Location	: LAB

### Environmental Conditions & Calibration Procedure Details

Environmental Details	Temperature: 25.6° C	Relative Humidity	54 % 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	TSC/22-23/7400-3	10-08-2023

### ELECTRICAL SAFETY

#### RESULTS

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resistance >20MΩ	Measured values in MΩ 98	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µA for B,BF,CF	Measured values in µA 170	Uncertainty in % (±) 7.1
3	Enclosure Leakage <500µA for B,BF,CF	Measured values in µA 218	Uncertainty in % (±) 6.8

#### 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

*K.sty*  
(Calibration Engineer)  
K.SATHYAMOORTHY



Authorised Signatory

*csb*  
 Technical Manager  
(C.SHANMUGARAJ)

Chief Executive

**SUNSHINE BIOMEDICAL SOLUTIONS**

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