



CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/09417	MEDICAL DEVICES	Page No:1 of 1
Issue Date	29-07-2023	
SRF No & Date	SRF/23/00278-0042 & 28-07-2023	
Receipt Date	28-07-2023	
Calibration Date	28-07-2023	
Calibration Due	27-07-2024	

Customer Name & Address
GOVERNMENT PRIMARY HEALTH CENTRE,
PIRANMALAI-630502.

Details of Device Under Calibration (DUC)

Description : ELECTRICAL SAFETY ANALYZER(MICROSCOPE)	Make & Model : LABOMED & LX200
Range : MULTI	Sr. No : 190211479
Resolution : MULTI	Identification No : NA
DUC Condition : SATISFACTORY	Location : LAB

Environmental Conditions & Calibration Procedure Details

Environmental Details	Temperature: 25.3°C	Relative Humidity	53% 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	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	86	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	131	7.6
3	Patient Leakage	Measured values in μA	Uncertainty in % (±)
	<100μAfor B,BF,<10μAfor CF	41	11.6
4	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	226	6.8

REMARKS

- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- The user should determine the suitability of the instrument for its intended use.
- The recalibration interval should be determined on the user requirement.
- The results stated in this certificate relate only to the item calibrated.
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
- Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

K.sty
(Calibration Engineer)
K.SATHYAMOORTHY



Authorised Signatory

CSH
Technical Manager
(C.SHANMUGARAJ)

Chief Executive

SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,
E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.