



CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12399	MEDICAL DEVICES	Page No: 1 of 1
Issue Date	05-10-2023	
SRF No & Date	SRF/23/00578-0003 & 04-10-2023	
Receipt Date	04-10-2023	
Calibration Date	04-10-2023	
Calibration Due	03-10-2024	

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
THOPIKANNA,ARCOT-632503,RANIPET DISTRICT.

Details of Device Under Calibration (DUC)

Description	: ELECTRICAL SAFETY(MICROSCOPE)	Make & Model	: ZOOM SCIENTIFIC WORLD
Range	: MULTI	Sr. No	: ZBCM-08
Resolution	: MULTI	Identification No	: 474355
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 86	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 164	Uncertainty in % (±) 10.3
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 227	Uncertainty in % (±) 8.6


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

Authorised Signatory


(Calibration Engineer)
E.ESWAR


Technical Manager
(C. SHANMUGARAJ)

Chief Executive



SUNSHINE BIOMEDICAL SOLUTIONS

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