

## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/11768	MEDICAL DEVICES	Page No:1 of 1
Issue Date	26-09-2023	
SRF No & Date	SRF/23/00402-0005 & 25-09-2023	
Receipt Date	25-09-2023	
Calibration Date	25-09-2023	
Calibration Due	24-09-2024	

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
VELLIRAVELI-641603, TIRUPPUR DISTRICT.

**Details of Device Under Calibration (DUC)**

Description : ELECTRICAL SAFETY (MICROSCOPE)	Make & Model : ZOOM SCIENTIFIC & ZBCM-08
Range : MULTI	Sr. No : 474419
Resolution : MULTI	Identification No : NA
DUC Condition : SATISFACTORY	Location : LAB

**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 79	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µA for B,BF,CF	Measured values in µA 208	Uncertainty in % (±) 7.3
3	Enclosure Leakage <500µA for B,BF,CF	Measured values in µA 241	Uncertainty in % (±) 7.2

**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

Authorised Signatory

*M. Adhiban*  
(Calibration Engineer)  
M.ADHIBAN



*C. Shanmugaraaj*  
Technical Manager  
C.SHANMUGARAJ

Chief Executive