

## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/13597	MEDICAL DEVICES	Page No:1 of 1
Issue Date	07-10-2023	
SRF No & Date	SRF/23/00775-0003 & 06-10-2023	
Receipt Date	06-10-203	
Calibration Date	06-10-2023	
Calibration Due	05-10-2024	

**Customer Name & Address**  
 GOVERNMENT PRIMARY HEALTH CENTRE  
 AYAKARANPULAM-614707,NAGAPATTINAM DISTRICT.

Details of Device Under Calibration (DUC)			
Description	ELECTRICAL SAFETY(MICROSCOPE)	Make & Model	LABOMED & CXL PLUS
Range	MULTI	Sr. No	130862608
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/ 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	<b>Insulation Resisitance</b> >20MΩ	Measured values in MΩ	Uncertainty in % ( ± )
		83	13.92
2	<b>Earth Leakage</b> <5000μAfor B,BF,CF	Measured values in μA	Uncertainty in % ( ± )
		181	9.7
3	<b>Enclosure Leakage</b> <500μAfor B,BF,CF	Measured values in μA	Uncertainty in % ( ± )
		231	8.5

- 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  
  
 (Calibration Engineer)  
 P.PRASANNA



Authorised Signatory

 Technical Manager  
 (C.SHANMUGARAJ)

Chief Executive