

## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/13652	MEDICAL DEVICES	Page No:1 of 1
Issue Date	07-10-2023	
SRF No & Date	SRF/23/00789-0002 & 06-10-2023	
Receipt Date	06-10-2023	
Calibration Date	06-10-2023	
Calibration Due	05-10-2024	

**Customer Name & Address**  
 GOVERNMENT PRIMARY HEALTH CENTRE,  
 VADUGACHERY-611109,NAGAPATTINAM DISTRICT.

Details of Device Under Calibration (DUC)			
Description	ELECTRICAL SAFETY (MICROSCOPE)	Make & Model	OLYMPUS & CH20I
Range	MULTI	Sr. No	I11L040
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	Insulation Resistance	Measured values in MΩ	Uncertainty In % ( ± )
	>20MΩ	98	13.92
2	Earth Leakage	Measured values in µA	Uncertainty In % ( ± )
	<5000µAfor B,BF,CF	171	7.5
3	Enclosure Leakage	Measured values in µA	Uncertainty In % ( ± )
	<500µAfor B,BF,CF	224	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

*KCH*  
 (Calibration Engineer)  
 K.SATHYAMOORTHY

*C.S.*  
 Technical Manager  
 C.SHANMUGARAJ

Chief Executive

