

CALIBRATION CERTIFICATE

Date: 03.10.2023

<u>Calibration Name & Address</u>		CERTIFICATE NO: AWM90C23	
The Medical Officer Government Primary Health Centre, Ulundhai			
Details of Device Under Calibration (DUC)			
Description	: Microscope	Make	: Labomed
Range	: -	Model	: Vision 2000
Least Count	: -	Sr.No	: 211234513
DUC Condition	: Satisfactory	Location	: LAB
Environmental Conditions & Calibration Procedure Details			
Environmental Details	Temperature: 25°C	Relative humidity	64%RH
Sample Calibration Date	09/03/2023	Calibration Done at	ON SITE

RESULTS

S.No	Specification	Measured Values in Ω	Allowable limit in Ω	Uncertainty in Ω \pm	Remarks
1	Earth Bond Resistance	0.219	<2 Ω	0.03	PASS/FAIL
		Measured Values in MΩ	Allowable limit in MΩ	Uncertainty in MΩ	Remarks
2	Insulation Resistance	80.48	>2 M Ω	8.65	PASS/FAIL
		Measured Values in $\mu\Omega$	Allowable limit in $\mu\Omega$	Uncertainty in $\mu\Omega$	Remarks
3	Earth Leakage (NC)	117	<5000 $\mu\Omega$ for B, BF,CF	14.14	PASS/FAIL
4	Earth Leakage (SFC)	236	<1000 $\mu\Omega$ for B, BF,CF	20.98	PASS/FAIL
		Measured values in $\mu\Omega$	Allowable limit in $\mu\Omega$	Uncertainty in $\mu\Omega$	Remarks
5	Enclosure Leakage (NC)	6	<1000 $\mu\Omega$ for B, BF,CF	2.39	PASS/FAIL
6	Enclosure Leakage (SFC)	205	<500 $\mu\Omega$ for B, BF,CF	19.67	PASS/FAIL

Remarks

- 1.This Calibration Certificate Shall not be reproduced except in full, without written approval of the laboratory
- 2.The user Should be determine the suitability of the instrument for its intended use
- 3.The Recalibration interval should be determine 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 90% for coverage factor K=2.00
- 6.Equipment Used for Calibration were Calibrated & Traceable to National & International Standards

Calibrated By

Authorized Signatory

