

# CALIBRATION CERTIFICATE

Date: 29.09.2023

CERTIFICATE NO: AWM66C23

**Calibration Name & Address**

The Medical Officer  
Government Primary Health Centre  
Osur.

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

Description	SEMI AUTO ANALYZER	Make : Genuine biosystem
Range		Model : GB235
Least Count		Sr.No : ES1031801P9154
DUC Condition	Satisfactory	Location : LAB

**Environmental Conditions & Calibration Procedure Details**

Environmental Details	Temperature: 25°C	Relative humidity	51%RH
Sample Calibration Date	06/03/2023	Calibration Done at	ON SITE

**RESULTS**

S.No	Specification	Measured Values in $\Omega$	Allowable limit in $\Omega$	Uncertainty in $\Omega$	Remarks
1	Earth Bond Resistance	0.283	$< 7 \Omega$	0.02	PASS/FAIL
		Measured Values in M $\Omega$	Allowable limit in M $\Omega$	Uncertainty in M $\Omega$	Remarks
2	Insulation Resistance	43.70	$> 2 \text{ M}\Omega$	5.29	PASS/FAIL
		Measured Values in $\mu\Omega$	Allowable limit in $\mu\text{A}$	Uncertainty in $\mu\text{A}$	Remarks
3	Earth Leakage (NC)	245	$< 5000 \mu\text{A}$ for B, BF, CF	20.12	PASS/FAIL
4	Earth Leakage (SFC)	246	$< 1000 \mu\text{A}$ for B, BF, CF		PASS/FAIL
		Measured values in $\mu\text{A}$	Allowable limit in $\mu\text{A}$	Uncertainty in $\mu\text{A}$	Remarks
5	Enclosure Leakage (NC)	6	$< 1000 \mu\text{A}$ for B, BF, CF	3.47	PASS/FAIL
6	Enclosure Leakage (SFC)	271	$< 500 \mu\text{A}$ for B, BF, CF	19.68	PASS/FAIL

**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 coverage factor  $k=2.00$
6. Equipment used for Calibration were calibrated & traceable to National & International Standards

Calibrated by

Authorised Signature

