



ALLWIN MEDICAL SYSTEMS

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CALIBRATION CERTIFICATE

Date: 29.09.2023

CERTIFICATE NO: AWM69C23

Calibration Name & Address

The Medical Officer
Urban Primary Health Centre
Vandavasi.

Details of Device Under Calibration (DUC)

Description : SEMI AUTO ANALYZER
Range :
Least Count :
DUC Condition : Satisfactory
Make : Genuine biosystem
Model : GB235
Sr.No : AT1660211RBK
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 Ω | Allowable limit in Ω | Uncertainty in Ω | Remarks |
|------|-------------------------|----------------------------------|----------------------------------|------------------------------|-----------|
| 1 | Earth Bond Resistance | 0.283 | $<2\Omega$ | 0.02 | PASS/FAIL |
| | | Measured Values in $M\Omega$ | Allowable limit in $M\Omega$ | Uncertainty in $M\Omega$ | Remarks |
| 2 | Insulation Resistance | 43.76 | $>2 M\Omega$ | 5.29 | PASS/FAIL |
| | | Measured Values in $\mu\Omega$ | Allowable limit in $\mu\Omega$ | Uncertainty in $\mu\Omega$ | Remarks |
| 3 | Earth Leakage (NC) | 247 | $<5000 \mu\text{A}$ for B, BF,CF | 20.16 | PASS/FAIL |
| 4 | Earth Leakage (SFC) | 248 | $<1000\mu\text{A}$ for B, BF,CF | 19.58 | PASS/FAIL |
| | | Measured values in μA | Allowable limit in μA | Uncertainty in μA | Remarks |
| 5 | Enclosure Leakage (NC) | 5 | $<1000\mu\text{A}$ for B, BF,CF | 3.52 | PASS/FAIL |
| 6 | Enclosure Leakage (SFC) | 271 | $<500\mu\text{A}$ for B, BF,CF | 19.59 | 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 95% for coverage factor $K=2.00$
- 6.Equipment Used for Calibration were Calibrated & Traceable to National & International Standards

Calibrated By

Authorized Signatory