SUNSHINE

# CALIBRATION CERTIFICATE

| CERTIFICATE NO: SBS/CL/22/14964 | MEDICAL DEVICES | Page No:1 of 1 |
|---|---|---|
| Issue Date | 26-12-2022 | |
| SRF No & Date | SRF/22/00347 -0003 & 23-12-2022 | |
| Receipt Date | 23-12-2022 | |
| Calibration Date | 23-12-2022 | |
| Calibration Due | 22-12-2023 | |

**Customer Name & Address**

GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE,
VILATHIKULAM BLOCK,KULATHUR-628903,THOOTHUKUDI DISTRICT.

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

| | | | |
|---|---|---|---|
| Description | ELECTRICAL SAFETY (CELL COUNTER) | Make & Model | SYSMEX & XP-100 |
| Range | | Sr. No | B5627 |
| Resolution | | Identification No | |
| DUC Condition | SATISFACTORY | Location | LAB |

**Environmental Conditions & Calibration Procedure Details**

| | | | |
|---|---|---|---|
| Environmental Details | Temperature: 24.8° C | Relative Humidity | 48% RH |
| Calibration Procedure No | SBS/CP/MD/20 | Calibration done at | ONSITE |

**Reference Standards Details**

| S.No | Description | Make/ Sl No: | Certificate No | Validity |
|---|---|---|---|---|
| 1 | Electrical Safety Analyser | FLUKE & 2244202 | ACCS221224 | 24-06-2023 |

**RESULTS** — **Electrical Safety**

| S.no | Specification | Measured values in MΩ | Allowable limit in MΩ | Uncertainty in % (±) |
|---|---|---|---|---|
| 1 | Insulation Resistance | 81 | >20MΩ | 13.92 |
| | | **Measured values in µA** | **Allowable limit in µA** | **Uncertainty in % ( ±)** |
| 2 | Earth Leakage | 162 | <5000µAfor B,BF,CF | 5.9 |
| | | **Measured values in µA** | **Allowable limit in µA** | **Uncertainty in % ( ±)** |
| 3 | Enclosure Leakage | 197 | <500µAfor B,BF,CF | 6.9 |

**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
(Calibration Engineer)
C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS Chennai 600 032

Authorised Signatory

☑ Quality Manager (D.VETRI SELVI)

☐ Chief Executive