

## CALIBRATION CERTIFICATE

|                                 |                                |                |
|---------------------------------|--------------------------------|----------------|
| CERTIFICATE NO: SBS/CL/23/01702 | MEDICAL DEVICES                | Page No:1 of 1 |
| ULR NO:                         | CC340423000001702F             |                |
| Issue Date                      | 04-03-2023                     |                |
| SRF No & Date                   | SRF/23/00034-0007 & 02-03-2023 |                |
| Receipt Date                    | 02-03-2023                     |                |
| Calibration Date                | 02-03-2023                     |                |
| Calibration Due                 | 01-03-2024                     |                |

**Customer Name & Address**  
 REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE,  
 NO.1,WEST MADHA CHURCH ROAD,ROYAPURAM,CHENNAI-600013.

| Details of Device Under Calibration (DUC) |  |                   |  |
|---|--|-------------------|--|
| Description                               | ELECTRICAL SAFETY (ELECTROLYTE ANALYZER) | Make & Model      | SENSACORE ST-200 AQUA                      |
| Range                                     | NA                                       | Sr. No            | STAQW-4377                                 |
| Resolution                                | NA                                       | Identification No | RRIUMC EQ BC 007                           |
| DUC Condition                             | SATISFACTORY                             | Location          | INSTRUMENTATION ROOM,DEPT. OF BIOCHEMISTRY |

| Environmental Conditions & Calibration Procedure Details |                     |                     |        |
|--|---------------------|---------------------|--------|
| Environmental Details                                    | Temperature: 25.2°C | Relative Humidity   | 51% 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 | TSC/22-23/7400-3 | 10-08-2023 |

### ELECTRICAL SAFETY

| S.no | SPECIFICATION                | MEASURED VALUES              | EXPANDED UNCERTAINTY (±)      |
|------|------------------------------|------------------------------|-------------------------------|
| 1    | <b>Insulation Resistance</b> | <b>Measured values in MΩ</b> | <b>Uncertainty in % ( ± )</b> |
|      | >20MΩ                        | 87                           | 13.92                         |
| 2    | <b>Earth Leakage</b>         | <b>Measured values in μA</b> | <b>Uncertainty in % ( ± )</b> |
|      | <5000μAfor B,BF,CF           | 130                          | 7.6                           |
| 3    | <b>Enclosure Leakage</b>     | <b>Measured values in μA</b> | <b>Uncertainty in % ( ± )</b> |
|      | <500μAfor B,BF,CF            | 240                          | 6.8                           |

**REMARKS**

- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- The user should determine the suitability of the instrument for its intended use.
- The recalibration interval should be determined on the user requirement.
- The results stated in this certificate relate only to the item calibrated.
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
- Equipment used for Calibration were calibrated & traceable to National & International Standards.

Calibrated By

Authorised Signatory

  
 (Calibration Engineer)  
 M. BALAJI



  
 Quality Manager  
 (D.VETRI SELVI)

Chief Executive



# TransCal

Measurement to Perfection...



Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100  
W. Park Rd., Between Sampighe Road And Margosa Rd.,  
10th Crs., Malleswaram, Bangalore City, Pin - 560003

CL-233

## CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sunshine Biomedical Solutions**  
No-68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai-32

Customer's Reference : **SRF No. : TSC/22-23/7400** Dated : 10 Aug 2022

| Calibration Certificate Number | Calibrated On | Recommended Calibration Due | Page Number |
|--------------------------------|---------------|-----------------------------|-------------|
| TSC/22-23/7400-3               | 10 Aug 2022   | 10 Aug 2023                 | 1 of 6      |

| Details of device under calibration       |   | Transcal ID : TSC365088         |                            |
|---|---|---------------------------------|----------------------------|
| Nomenclature : Electrical Safety Analyzer | No. of Pages : 6                        | Cal Procedure No. : TSC/CAL/312 | DUC Received : 10 Aug 2022 |
| Make : Rigel Medical                      | DUC Condition on Receipt : Satisfactory | Cal At : Electro Technical Lab  |                            |
| Model/Range : 288+                        |   |                                 |                            |
| SI No. : 44L-1059                         |   |                                 |                            |
| ID No. : SBS/MDL/EST/007                  |   |                                 |                            |

Environmental Conditions : Temperature in °C : 25±4

Humidity in RH % : 30-75

### Standards used :

| SI No. | Nomenclature             | Make       | Model   | SI No./ID.No. | Certificate No.          | Validity    |
|--------|--------------------------|------------|---------|---------------|--------------------------|-------------|
| 1      | Multiproduct calibrator  | Fluke      | 5522A   | 3632901       | CR/PCAL/52003            | 15 Jun 2023 |
| 2      | 6 1/2 Digital Multimeter | Fluke      | 8846 A  | NA            | TSC/21-22/INH/ECAL-242-1 | 17 Feb 2023 |
| 3      | Decade Megohm Box        | Vaiseshika | 8400 HV | 6374          | TSC/21-22/INH/ECAL-23-1  | 03 Dec 2022 |
| 4      | Decade Resistance Box    | Vaiseshika | 7400    | 5840          | TSC/21-22/INH/ECAL-36-1  | 03 Dec 2022 |
| 5      | Standard Resistor        | Vaiseshika | 9409A   | 5953          | TSC/21-22/INH/ECAL-40-1  | 25 Jan 2023 |

Calibrated By

Meera KR  
(Calibration Engineer)

Checked By

Rakshith Shetty  
(Sr. Calibration Engineer)

Authorised By

Vijayakumar V  
(Technical Director)