



<u>C/</u>	ALIBRATION CE	RTIFICATE	
CERTIFICATE NO: SBS/CL/23/01702	M	EDICAL DEVICES	Page No:1 of 1
ULR NO:	CC34042300000	1702F	
Issue Date	04-03-2023		
SRF No & Date	SRF/23/00034-00	007 & 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 UN	ANI MEDICINE,		
NO.1, WEST MADHA CHURCH ROAD, ROY,	APURAM, CHENNAI-600013.		
	Details of Device Under Cal	ibration (DUC)	
Description ELECTRICAL SAFET (ELECTROLYTE AN		: SENSACORE ST-20	O AOUA
Range : NA	Sr. No	STAQW-4377	
Resolution NA	Identification No	RRIUMC EQ BC 007	
DUC Condition SATISFACTORY	Location	INSTRUMENTATION BIOCHEMISTRY	ROOM,DEPT. OF
Env	rironmental Conditions & Calibra		
Environmental Details Temperature:	25.2°C Relative Hum	nidity 51% RH	
Calibration Procedure No SBS/CP/MD/3	Calibration de	one at ONSITE	
	Reference Standards		
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

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

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) M.BALAJI



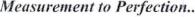
Γ	Quality Manager
_	(D.VETRI SELVI)

1	Chief Executive

Authorised Signatory



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	
Make	: Rigel Medical	Cal Procedure No.	: TSC/CAL/312	
Model/Range	: 288+	DUC Received	: 10 Aug 2022	
SI No.	: 44L-1059	DUC Condition on Receipt	: Satisfactory	
ID No.	: SBS/MDL/EST/007	Cal At	: Electro Technical Lab	

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-	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-	25 Jan 2023

Calibrated By

(Calibration Engineer)

Checked By

Rakshith Shetty (Sr.Calibration Engineer)

Authorised By

Vijayakumar V (Technical Director)

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