



CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/01700	MEDICAL DEVICES	Page No:1 of 1
ULR NO:	CC340423000001700F	
Issue Date	04-03-2023	
SRF No & Date	SRF/23/00034-0005 & 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	SEMI AUTO ANALYZER	Make & Model	ERBA-CHEM7
Range	NA	Sr. No	090351
Resolution	NA	Identification No	RRIUMC EQ BC 004
DUC Condition	SATISFACTORY	Location	INSTRUMENTATON 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/20	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	Insulation Resistance	Measured values in MΩ	Uncertainty in % (±)
	>20MΩ	87	13.92
2	Earth Leakage	Measured values in μA	Uncertainty in % (±)
	<5000μAfor B,BF,CF	195	7.1
3	Enclosure Leakage	Measured values in μA	Uncertainty in % (±)
	<500μAfor B,BF,CF	284	6.6

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

SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,
 E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.



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
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-23-1	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)