

## CALIBRATION CERTIFICATE

CERTIFICATE NO: SBS/CL/23/12576 MEDICAL DEVICES Page No:1 of 1

Issue Date	30-09-2023
SRF No & Date	SRF/23/00558-0003 & 29-09-2023
Receipt Date	29-09-2023
Calibration Date	29-09-2023
Calibration Due	28-09-2024

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
THERIRUVELI, MUTHUKULATHUR (TK), RAMANATHAPURAM DISTRICT-623711

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

Description : SEMI AUTO ANALYZER	ALPHATECHLOGIES & ALPHA CHEM 100
Range : MULTI	Make & Model : BCAA17062664
Resolution : MULTI	Sr. No : NA
DUC Condition : SATISFACTORY	Identification No : LABORATORY
	Location : ONSITE

**Environmental Conditions & Calibration Procedure Details**

Environmental Details	Temperature: 25.6°C	Relative Humidity	52% 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	M-230809-16-4	10-08-2024

**ELECTRICAL SAFETY**

**RESULTS**

S.no	SPECIFICATION	MEASURED VALUES	EXPANDED UNCERTAINTY (±)
1	Insulation Resisitance >20MΩ	Measured values in MΩ 90	Uncertainty in % (±) 13.92
2	Earth Leakage <5000µAfor B,BF,CF	Measured values in µA 174	Uncertainty in % (±) 7.5
3	Enclosure Leakage <500µAfor B,BF,CF	Measured values in µA 218	Uncertainty in % (±) 7.3

**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

*M D*  
(Calibration Engineer)  
M DINESH



Authorised Signatory

*C. Shanmugaraaj*  
 Technical Manager  
C. SHANMUGARAJ

Chief Executive