



**CALIBRATION CERTIFICATE**

<b>CERTIFICATE NO : SBS/CL/23-24/ 04416</b>		<b>MEDICAL DEVICES</b>	<b>Page No : 1 of 1</b>
Issue Date	29.09.2023		
SRF No & Date	SRF/23-24/00224-0001 & 28.09.2023		
Receipt Date	28.09.2023		
Calibration Date	28.09.2023		
Calibration Due	27.09.2024		

**Customer Name & Address**

**GOVERNMENT PRIMARY HEALTH CENTER  
THOOKANAMPAKKAM 607402.**

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

Description :	SEMIAUTO ANALYSER	Make :	Robonik
Range :	---	Model :	Prietest Touch
Least Coun :	---	Sr.No :	AT0141010RBK
DUC Cond :	SATISFACTORY	Location :	LABORATORY

**Environmental Conditions & Calibration Procedure Details**

Environmental Details	Temperature : 24.2°C	Relative Humidity	49% 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 Analyzer	Rigel MEDICAL & 44L-1059	M-230809-16-4	10.08.2024

**RESULTS:**

S.No.	Specification	Measured Values in $\Omega$	Allowable limit in $\Omega$	Uncertainty in $\Omega$	Remarks
1	Earth Bond Resistance	0.23	$< 2\Omega$	0.02	PASS / FAIL
		Measured Values in M $\Omega$	Allowable limit in M $\Omega$	Uncertainty in M $\Omega$	Remarks
2	Insulation Resistance	56.2	$\geq 2M\Omega$	4.58	PASS / FAIL
		Measured Values in $\mu A$	Allowable limit in $\mu A$	Uncertainty in $\mu A$	Remarks
3	Earth Leakage (NC)	88	$< 5000\mu A$ for B,BF, CF	14.17	PASS / FAIL
4	Earth Leakage (SFC)	166	$< 10000\mu A$ for B,BF, CF	17.15	PASS / FAIL
5	Enclosure Leakage (NC)	4	$< 100\mu A$ for B,BF,CF	2.93	PASS / FAIL
		Measured Values in $\mu A$	Allowable limit in $\mu A$	Uncertainty in $\mu A$	Remarks
6	Enclosure Leakage (SFC)	88	$< 500\mu A$ for B,BF,CF	14.16	PASS / FAIL

**REMARKS**

1. This Calibration certificate shall not be reproduced except in full, without written approved 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:

*S. Shanmuga Raj*  
(Calibration Engineer)  
S.SHANMUGA RAJ

*D. Vetri Selvi*  
 Quality Manager  
(D.VETRI SELVI)

Authorized Signatory

*Kumal*  
 (Chief Executive)



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