



## CALIBRATION REPORT

### Details of the Unit Under Calibration:

Calibration Certificate No: SBS/CL/20-21/01061

Page: 1 of 2

Customer Name:	SREE METRO DIAGNOSTIC CENTRE	Customer Address:	16/41, KRISHNA ROAD, NEW PERUNGALATHUR, CHENNAI-63
Location:	LAB-1	Serial No:	081011
Description:	BIO CHEMISTRY ANALYSER	Tag/Asset No:	SMDC/LAB-1/BCA/01
Make:	MICROLAB INSTRUMENTS	Date of Calibration:	30.09.2020
Model:	RX-50	Date of Due:	29.09.2021

### Traceability Details:

S.No	Standard Used	Make	Model	Serial No	Validity
1	Electrical Safety Analyzer	Fluke	ESA615	2244202	26-Jun-2021

### Environmental Conditions and Standard Operating Procedure Details:

Temperature	23°C	Calibration Done At	ONSITE
Humidity (40-70% RH)	54%	Calibration Procedure No	CP-BM001-2019/ES

### REMARKS:

Performance Test Report : Attached

Electrical Safety Test Report : Attached

Electrical Safety Test Passed as Per IEC Standard 60601/62353

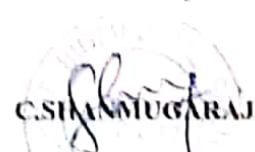
The above mentioned instruments has been calibrated using standard manufacturer recommended protocols, using equipments having traceability to National/International Standards. Partial reproduction of the certificates is not permitted.

Calibrated by:

  
M. BALAJI

(Calibration Engineer)

Authorized Signatory:

  
C. SRINIVASAN  
(Technical Manager)

**Result of Calibration: SBS/TR/20-21/01061**

Page: 2 of 2

Electrical Safety Test Passed :  Yes /  No

Electrical Safety Test		
Parameters Used	Measured in Test Gadget	Limits
Voltage N-E	2.7	< 3V
Voltage P-N	223	< 230V
Voltage P-E	227	< 230V
Maximum Current Taken by the DUT	0.1	As per Manufacture specification
Earth Leakage Current NC	124	<500 $\mu$ A for B,BF,CF
Earth Leakage Current SFC	232	<1000 $\mu$ A for B,BF,CF
Enclosure Leakage Current NC	5.2	<100 $\mu$ A for B,BF,CF
Enclosure Leakage Current SFC	5.5	<500 $\mu$ A for B,BF,CF
Patient Leakage Current NC	5.6	<100 $\mu$ A for B,BF, <10 $\mu$ A for CF
Patient Leakage Current SFC	5.8	<500 $\mu$ A for B,BF, <50 $\mu$ A for CF
Insulation Resistance M-P.E	Good	More than 100Mohm
Insulation Resistance M-A.P	Good	More than 100Mohm
Insulation Resistance A.P-P.E	Good	More than 100Mohm

**Observation:** The unit was found to delivery energy within allowed deviation limits.

**CALIBRATION RESULT:**

- Corrective maintenance required
- Removed from use
- Acceptable for use

Calibration Engineer Sign:



Date: 30.09.2020