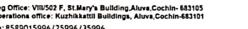


## **MECOM SERVICES**







Ph: 8589015996/25996/35996 E- Mail: mecomcalibration@gmail.com Web: www.mecomservices.com

REPORT ON  ELECTRICAL SAFETY TESTING/ PERFORMANCE ANALYSIS/ CALIBRATION			
Page 1 of 2	Calibration Due : 18.01.2024		
1.1 CUSTOMER DETAILS			
Name and address of the organisation	UPHC		
	MADATHUR		
	THOOTHUKUDI		
Reference and Date	18-01-2021		
Test Performed by	MECOM Team 1		

1.2 DE	1.2 DESCRIPTION OF DEVICE UNDER TEST (DUT)				
A.	A. Nomenclature BIOCHEMISTRY ANALAYZER				
В.	Manufactured by	RMS			
C.	Model	ANALYTIC			
D.	Serial No.	NA			
E.	Biomedical Product ID				
F.	Location	LAB			

## 1.3 CONDITION OF THE ITEM WHEN RECEIVED No visible damages and in working order

1.4 ENVIRONMENTAL CONDITION OF MEASUREMENTS		
A.	Temperature	24.7°C
В.	Relative Humidity	65.3%
C.	Ambient Barometric Pressure	757mmHg

1.5 Applicable Specification	IEC Specification IEC 60601-1
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1.6 Test Done	Electrical Safety / Performance Testing
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1.7 STATUS						T.
Manufactures	Users	Within	Out of	Calibration	Electrical	Performance
Specification	Specification	Specification	Specification		Safety Test	Analysis
✓		✓	-	-	1	•



## MECOM SERVICES Reg Office: VIII/502 F, St.Mary's Building Aluva, Cochin-683105 Operations office: Kuzhikkattil Buildings, Aluva, Cochin-683101







TRACE	ABILITY DETAILS OF INSTRU	MENTS USED	FOR TESTING		
SI No	Name of the Instrument	Make	Model	Serial No	Cal Due
1.	Electrical Safety Analyzer	Fluke	ESA612	3005050	FEB 2020

2.0 ELECTR	ICAL SAFETY TEST			
S.no	Parameter	Observed value	Acceptable limits as per the Std.	Remarks
1.	Protective earth resistance	0.288 Ω	< 0.3 Ω	Ok
2.	Earth leakage	153.32 Ma	< 210 μA NC	Ok
3.	Patient leakage current	NA	< 100 μA BF	Ok
4.	Equipment current	0.3 A	As per manufacture spec	Ok
5.	Mains voltage(P-E)	228.6 V		Ok
6.	Mains voltage(P-N)	229.2V		Ok
7.	Mains voltage(N-E)	1.0V	<5V	Ok
8.	Enclosure Leakage Current	50 μΑ	<100 μA(Normal)	Ok
9.	Insulation Resistance	OL	>100 M Ω	Ok

3.0 RE	MARKS
3.1	This report is applicable to the sample tested only.
3.2	The instruments used for testing are under valid calibration and are traceable to National Standards.
3.3	Parameter of the DUT were verified and found to be within the specified limits.
3.4	refer NABL Doc No. 121 Clause 7.0 Accommodation and environmental Conditions sub Clause see 7.2.11 below in line with ISO/IEC 17025:2005 Clause 5.3

Verified By:

Team 1



