



Bio Matrix Technologies Pvt. Ltd.



An ISO 9001 : 2015 Certified Company

G-114, 1st Floor, Madhura Nagar, Hyderabad - 500 038.

Ph : (040) 64525295, Mobile : +91 9553099998, E-mail : info@biomatrixtech.com, www.biomatrixtech.com

CALIBRATION TEST REPORT FOR AUTOCLAVE

HOSPITAL NAME	PRANAAM HOSPITAL, MADINAGUDA, HYDERABAD.
DEVICE	AUTO CLAVE
MAKE	LIFE
MODEL	N/A
SERIAL NO	NA
EQUIPMENT ID	PRNM/BME/AUTO CLAVE-003
DEPARTMENT	LABORATORY

CALIBRATION STANDARDS USED

S.NO	ASSET NO.	TEST EQUIPMENT	MAKE	MODEL NO	SERIAL NO	CAL DATE	CAL DUE DATE
1	BMT/12/TA-11	TEMPERATURE INDICATOR WITH SENSOR	AUTONICS	TC4S-14R	N/A	24/08/20	23/08/21
2	BMT/12/07	ELECTRICAL SAFETY ANALYZER	FLUKE	ESA-612	2111026	24/08/20	23/08/21

TEST RESULTS

Sr. No	UNIT	SET VALUE	MEASURED VALUE	DEVIATION	ACCEPTABLE RANGE
1	°C	121	121.1	0.1	+/- 2 °C



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ELECTRICAL SAFETY ANALYZER TEST RESULTS

TEST	RESULTS	LIMITS
Line(Mains)Voltage	233.7	0.0 to 300.0V ac rms
Ground Wire Resistance	0.003Ω	0.000 to 2.000 Ω
Equipment current	1.4A	0 to 20.0 A ac rms
Insulation resistance	2 M Ω	+/-2% +0.2 M Ω
Ground(Earth) Leakage	12 μA(AC+DC)	10 to 199 μA
Chassis(Enclosure)Leakage	0.6Ma	0.0 to 199.9 μA
Lead to Ground and Lead to lead	0.4 μA(AC+DC)	0.0 to 1999 μA
Lead isolation	0.4μA	0.0 to 1999 μA
Differential Leakage	0.1μA	0.0 to 1999 μA
Direct Equipment Leakage	0.3μA	0.0 to 1999 μA
Direct applied part Leakage	0.7μA	0.0 to 1999 μA
Alternative applied part patient leakage	0.01Ω	0.0 to 1999 μA
Point to point leakage, Voltage and Resistance	0.2μA,0.2v&OLΩ	+/-2% +0.2V

ELECTRICAL SAFETY TEST PASSED AS PER IEC STANDARD 60601.1

Cal done date: 02-09-2020	Cal due date: 02-09-2021
Calibrated by: N.PETER	Approved by: N. VENKAT

