

Ace Medical Solutions (India) Pvt. Ltd.

An ISO 9001-2015 Certified Company

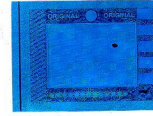
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AMS
Healthcare

GSTIN. 33AAHCA8053H1ZR • DL No. MDU/4205/20B,MDU/3971/21B • CIN : U33110TN2009PTC072140

CALIBRATION CERTIFICATE



Customer Name & Address:	M/S. Sri Vinayaga Micro Lab, No. 320, New Dharapuram Road, Palani – 624 601. Ph. 98656 39890	Certificate No:	AMS/LAB/2888990
		Issuing Date:	10/01/2021
		Page No:	1 of 2

Details of Device under Calibration (DUC):

DUC:	Bio Chemistry Analyser	Id. No:	SVM/LAB/BCA/001
Make:	CPC	Department:	Laboratory
Model:	Stat fax 3000 Plus	Calibrated On:	09/01/2021
Sl. No:	4512 1322	Calibration Due Suggested:	08/01/2022
Type:	Semi Auto	DUC Condition on Receipt:	OK
Range & Least Count:	---		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electrical Safety Analyser	RigelSafeTest60	PSG/CIRD/BMCC/4424/2020	19/01/2021
2	Thermo Hygrometer	HTC	QC/AMS-DTI-004	22/02/2021

Room Temperature: 25°C±2 Room Humidity: 30-60% (At the time of Calibration)

ESA Test Results:

SL.No	Parameter	ESA Reading	Unit	Normal Range	Condition
1	Current	385	mA	1	Normal
2	Frequency	50.1	Hz	49 -50	Normal
3	Mains Voltage Line - Neutral	231.7	Volts	220 - 240	Normal
4	Mains Voltage Line - Earth	231.8	Volts	220 - 240	Normal
5	Mains Voltage Neutral - Earth	5.8	Volts	< 7	Normal

*Electrical Safety: Please check the attached log sheet

SL.No	Parameter	Measured	Standard	Correction	Unit
1	Lamp Voltage	11.64	12.00	-0.36	Volts
2	Detector Sensitivity	-0.00	0.0	0.0	% Absorbance
3	Sipper Volume	445	450	-05	µl
4	Peristaltic Pump pressure	-14.83	-15.0	-0.17	cmH2O

Note:

1. Calibration Points were selected as per customer request.
2. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
3. Results Reported are valid at the time of and under the stated conditions of measurements.

Calibrated By:

(Calibration Engineer)

B. Oly.



Approved by:

(Technical Manager)

B. Oly.

Results:

Test Number	Test Standard	Test	Condition	Filter Selection	Reading Value	Reading Unit	Polarity	Neutral	Earth	Applied Parts
1	Earth Bonding	Earth Bond Voltage	Normal	AC+DC	0.2059	Ω	Normal	Closed	Closed	All
2	IEC60601	Leakage: Earth	Normal	AC+DC	167.19	μA	Normal	Closed	Closed	All
3		Leakage: Earth	Normal	AC+DC	156.74	μA	Reversed	Closed	Closed	All
4		Leakage: Enclosure	Normal	AC+DC	0.00	μA	Normal	Closed	Open	All
5		Leakage: Enclosure	Normal	AC+DC	0.00	μA	Reversed	Closed	Closed	All
6		Leakage: Earth	SFC	AC+DC	324.08	μA	Normal	Open	Closed	All
7		Leakage: Earth	SFC	AC+DC	310.02	μA	Reversed	Open	Closed	All
8		Leakage: Enclosure	SFC	AC+DC	169.22	μA	Normal	Closed	Open	All
9		Leakage: Enclosure	SFC	AC+DC	175.89	μA	Reversed	Closed	Open	All
10		Current	Normal	AC+DC	0.385	Amps	Normal	Closed	Closed	All
11		Frequency	Normal	AC+DC	50.1	Hz	Normal	Closed	Closed	All
12		Mains Voltage: Live to Neutral	Normal	AC+DC	231.7	V	Normal	Closed	Closed	All
13		Mains Voltage: Live to Earth	Normal	AC+DC	231.8	V	Normal	Closed	Closed	All
14		Mains Voltage: Neutral to Earth	Normal	AC+DC	5.8	V	Normal	Closed	Closed	All
15		IEC62353	Equipment Leakage	Direct Method	AC+DC	200.10	μA	Normal	Closed	Open
16	Equipment Leakage		Direct Method	AC+DC	199.67	μA	Reversed	Closed	Open	All
17	IEC60950	Ground Leakage	Normal	AC+DC	170.09	μA	Normal	Closed	Closed	All
18		Ground Leakage	Normal	AC+DC	165.59	μA	Reversed	Closed	Closed	All
19		Ground Leakage	SFC	AC+DC	326.98	μA	Normal	Open	Closed	All
20		Ground Leakage	SFC	AC+DC	327.27	μA	Reversed	Open	Closed	All
21		Chassis Leakage	Normal	AC+DC	0.00	μA	Normal	Closed	Closed	All
22		Chassis Leakage	Normal	AC+DC	0.00	μA	Reversed	Closed	Closed	All
23		Chassis Leakage	SFC	AC+DC	172.99	μA	Normal	Closed	Open	All
24		Chassis Leakage	SFC	AC+DC	166.61	μA	Reversed	Closed	Open	All
25	IEC61010	Touch Leakage	Normal	AC+DC	0.00	μA	Normal	Closed	Closed	All
26		Touch Leakage	Normal	AC+DC	0.00	μA	Reversed	Closed	Closed	All
27		Touch Voltage	Normal	AC+DC	3.32	V	Normal	Closed	Closed	All
28		Touch Voltage	Normal	AC+DC	3.32	V	Reversed	Closed	Closed	All
29		Touch Leakage	SFC	AC+DC	161.04	μA	Normal	Closed	Open	All
30		Touch Leakage	SFC	AC+DC	159.94	μA	Reversed	Closed	Open	All
31		Touch Voltage	SFC	AC+DC	3.32	V	Normal	Closed	Open	All
32		Touch Voltage	SFC	AC+DC	3.32	V	Reversed	Closed	Open	All
33	Insulation Testing	Insulation Resistance	Normal	AC+DC	>20	MΩ	Normal	Closed	Closed	All
34	Point to Point Testing	Point to Point Earth Bond Test	Normal	AC+DC	>19.9	Ω	Normal	Closed	Closed	All
35		Point to Point Leakage Test	Normal	AC+DC	0	μA	Normal	Closed	Closed	All
36		Standard Insulation Test	Normal	AC+DC	>20	MΩ	Normal	Closed	Closed	All

Test Passed: Yes Tested On: 09.01.2021 Tested By: B. Oly.

