



CERTIFICATE OF CALIBRATION

TSPL-FR-052

Certificate No	CAL-MZ-2021-03-0180	Wo No	CAL-MZ-2021-03-0180	
Issue Date	30-09-2021	Page No	1 of 2	
Issued By				
Laboratory	Trimed Solutions (I) Private Limited			
Address	2nd Floor, Jyothi Elegance, Kavuri Hills, Phase-III, Madhapur, Hyderabad-500081.			
Customer Details				
Hospital	Civil Hospital, Lunglei			
Address	Lunglei			
Medical Equipment Details				
ME Number	MZZ1LUNGH0090138	Manufacturer	Alera Medical Pvt. Ltd	
ME Name	Analyzers, Laboratory, Immunoassay, Photometric, Elisa(ELISA Reader)	Model	AM2100	
Department	Microbiology	Serial No	4517020381E	
Range	Multi Range	Resolution	Multi Resolution	
Calibrated at	On Site	Condition of ME	Visually Good	
Date of Calibration	11-09-2021	Recommended Calibration Due	10-09-2022	
Details of Master Equipment used for Calibration				
No	Description	Equipment ID/ Serial No.	Certificate No.	Calibration Validity
1	Electrical Safety Analyser	TRI-TE-0050	ACCS201170	12-10-2021
Environmental Conditions				
Parameters		Actual Value	Limits	
Temperature in °C		22	22 ± 2	
Relative Humidity in % Rh		50	35 – 65	
Calibration Standards				
Applicable Specification			IEC 60601-1	
Calibration Procedure Followed			TSPL-CAL-017	

Registered Address :1-1/25A-1, Ganapathpalayam, Mohan Nagar (PO)Selam636030
Laboratory Address: 2nd Floor, Jyothi Elegance, Kavuri Hills, Phase-III, Madhapur, Hyderabad-500081.



Calibration Results						
No	Parameters	Units	Measured Value	Tolerance	Un (±%)	Remarks
1	Earth Bond Resistance	Ω	0.125	0.20	4.36	Pass
2	Live Voltage	V	229	0	-	Info
3	Neutral Voltage	V	0.00	0.00	-	Info
4	Live Voltage	V	229.00	0.00	-	Info
5	Load Current	A	0.00	0.00	-	Info
6	Load Test	kVA	0.00	0.00	-	Info
7	Insulation Resistance EUT 500V	MO	>100.00	1.00	11.56	Pass
8	Insulation Applied Parts Main EUT 500V	MO	>100.00	70.00	11.56	Pass
9	Earth Leakage Direct (Normal Condition)	μA	139	5,000	5.78	Pass
10	Earth Leakage Direct(SFC- Neutral Open)	μA	229	10,000	5.78	Pass
11	Earth leakage Reversed (Normal Condition)	μA	140	5,000	5.78	Pass
12	Earth leakage Reversed (SFC- Neutral Open)	μA	230	10,000	5.78	Pass
13	Enclosure leakage(Normal Condition)	μA	<4	100	6.28	Pass
14	Enclosure leakage Reversed (SFC- Earth Open)	μA	14	500	6.28	Pass
15	Enclosure Leakage (SFC- Neutral Open)	μA	<4	500	6.28	Pass
16	Enclosure leakage Reversed (Normal Condition)	μA	<4	100	6.28	Pass
17	Enclosure leakage Reversed (SFC- Earth Open)	μA	14	500	6.28	Pass
18	Enclosure leakage Reversed (SFC- Neutral Open)	μA	<4	500	6.28	Pass

The reported Uncertainty is based on coverage factor of k=2 in accordance with the guide to the expression of Uncertainty in measurement, providing a level of confidence of approximately 95%.

Conditions for issue of report

- 1 The standards used are traceable to National and International Standards.
- 2 Results reported are valid at the time of & under the stated condition of the measurements.
- 3 This certificate refers only to the items calibrated.
- 4 Any error in the certificate should be brought to our knowledge within 30 days from the date of the certificate.
- 5 This calibration report should not be reproduced except in full without written approval from Trimed Solutions India Private Limited.
- 6 Calibration Results status has been reported due to non availability of accuracy specifications.
- 7 "#" marked calibration points are not covered under NABL scope.

Calibration Status	The Calibration Values are within the specified limits
End of Calibration Report	
CALIBRATED BY George Biaksangzuala Technical Service Engineer	 AUTHORISED SIGNATORY Basil James Regional Manager