

**CERTIFICATE OF CALIBRATION**

Customer Name	FHC Panavally	Certificate No.	FHCPY002
Address	Panavally, Kerala 688526	Date of Calibration	12/04/2022
		Valid Upto	11/04/2023
		Date of Issue	13/04/2022

DUC* Details					
DUC* Name	Make/Model No	S No.	ASSET ID	LOCATION	Visual Inspection
PROTEIN ANALYSER	MISPA i2	21191643707	..	LAB	OK

Details of Reference Standards & Major Equipments Used		
Equipment Name	ELECTRICAL SAFETY ANALYZER	THERMO HYGROMETER
Make	FLUKE	HTC-2
Model/SR No.	ESA 612/2959012	...
Equipment Id	CHPL/MT-KL/ESA/002	
Calibration certificate No	ET/220124A/01	UCSL/07-21/201-01
Calibration Validity	25/01/2023	20/07/2022
Calibration By	STIC	UNIQUE CALIBRATION SOLUTIONS

\*\*STANDARD USED IS IEC 60601-1

**ELECTRICAL SAFETY TEST VALUES**

TEST NO.	NAME OF THE TEST	READING	HIGH LIMIT	LOW LIMIT	UNIT	STATUS
1	MAIN VOLTAGE -LIVE TO NEUTRAL	229.4	250	225	V	PASS
2	MAIN VOLTAGE -LIVE TO EARTH	228.4	240	220	V	PASS
3	MAIN VOLTAGE-NEUTRAL TO EARTH	0.2	3	0	V	PASS
4	EQUIPMENT CURRENT	0.3	16	0.1	mA	PASS
5	PROTECTIVE EARTH RESISTANCE	0.3	2	0	Ω	PASS
6	EARTH LEAKAGE CURRENT - NC	0.6	1	0.5	mA	PASS
7	EARTH LEAKAGE CURRENT - OC	0.7	1	0.5	mA	PASS
8	ENCLOSURE LEAKAGE CURRENT -NC	0.4	0.5	0.1	mA	PASS
9	ENCLOSURE LEAKAGE CURRENT -OC	0.3	0.5	0.1	mA	PASS
10	INSULATION RESITANCE					
	1.MAINS-PROTECTIVE EARTH	OL	100	0	MΩ	PASS
	2.APPLIED PART TO PROTECTIVE EARTH	NA	100	0	MΩ	PASS
	3.MAINS TO APPLIED PART	NA	100	0	MΩ	PASS
	4.MAINS TO NEUTRAL	OL	100	0	MΩ	PASS
	5.APPLIED PART TO NEUTRAL	NA	100	0	MΩ	PASS

\*NOTE ( NC-NORMAL CONDITION, OC-OPEN CONDITON). REMARKS- \*DUC- DEVICE UNDER CALIBRATION

**CALIBRATED BY**

JAYADEV K S



**ISSUED AND APPROVED BY**

PREJITH T B  
TECHNICAL MANAGER