

# Ace Medical Solutions (India) Pvt. Ltd.

An ISO 9001:2015 Certified Company  
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GSTIN: 33AAHCAS053H1ZR • DU No. MDU/4205/20B,MDU/3971/21B • CIN : U33110TN2009PTC072140

## CALIBRATION CERTIFICATE

|                          |   |                 |                   |
|--------------------------|---|-----------------|-------------------|
| Customer Name & Address: | M/S. Guru Micro Lab,<br>#Near police station, Salem police station,<br>Komarapalayam-638183 | Certificate No: | AMS/HOSP/289/2054 |
|                          |   | Issuing Date:   | 03/09/2022        |
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|  |                        |                            |            |                 |  |
|--|------------------------|----------------------------|------------|-----------------|--|
| Details of Device under Calibration (DUC): |                        | Id. No:                    |            | GML/LAB/BCA/001 |  |
| DUC:                                       | Bio Chemistry Analyser | Department:                | Laboratory |                 |  |
| Make:                                      | Mispa viva             | Calibrated On:             | 02/09/2022 |                 |  |
| Model:                                     | Agappe                 | Calibration Due Suggested: | 01/09/2023 |                 |  |
| Sl. No:                                    | 212130167886           | DUC Condition on Receipt:  | OK         |                 |  |
| Type:                                      | Semi Auto              |                            |            |                 |  |
| Range & Least Count:                       | ---                    |                            |            |                 |  |

| Traceability Details: |                            |                 | Certificate Number      | Valid Up to |
|-----------------------|----------------------------|-----------------|-------------------------|-------------|
| Sl.No.                | Test Equipment             | Make            |                         |             |
| 1                     | Electrical Safety Analyser | RigelSafeTest60 | PSG/CIRD/BMCC/6908/2022 | 31/01/2023  |
| 2                     | Manometer                  | Lutron/PM9100   | PC/01/22/ATL/0432-05    | 30/01/2023  |
| 3                     | Electronic Weighing Scale  | EWC/SF400C      | PC/01/22/ATL/0432-02    | 30/01/2023  |
| 4                     | Thermo Hygrometer          | Beetech/088     | PC/01/22/ATL/0265-01    | 30/01/2023  |

(At the time of Calibration)

Room Temperature: 25°C±2 Room Humidity: 30-60%

### ESA Test Results:

| SL.No | Parameter                     | ESA Reading | Unit  | Normal Range | Condition |
|-------|-------------------------------|-------------|-------|--------------|-----------|
| 1     | Current                       | 278         | mA    | 500          | Normal    |
| 2     | Frequency                     | 49.9        | Hz    | 49 -50       | Normal    |
| 3     | Mains Voltage Line - Neutral  | 236.1       | Volts | 220 - 240    | Normal    |
| 4     | Mains Voltage Line - Earth    | 235.5       | Volts | 220 - 240    | Normal    |
| 5     | Mains Voltage Neutral - Earth | 4.9         | Volts | < 7          | Normal    |

\*Electrical Safety: Please check the attached log sheet

| SL.No | Parameter                 | Measured | Standard | Correction | Unit         |
|-------|---------------------------|----------|----------|------------|--------------|
| 1     | Lamp Voltage              | 11.78    | 12.0     | -0.22      | Volts        |
| 2     | Detector Sensitivity      | 0.0      | 0.0      | 0.0        | % Absorbance |
| 3     | Sipper Volume             | 432.5    | 450      | -17.5      | µl           |
| 4     | Peristaltic Pump pressure | -14.42   | -15.0    | -0.58      | cmH2O        |

Allowable Tolerance: set by Customer

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was 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)



Approved by:  
(Technical Manager)