

## TESTING REPORT

# CYRIX<sup>TM</sup>

HEALTHCARE PVT LTD

|                         |   |                     |            |
|-------------------------|---|---------------------|------------|
| Customer Name & Address | SINERGIA MEDIA LABS LLP<br>SMART CITY, KOCHIN, 682030 | Certificate No.     | SML001     |
|                         |   | Date of Calibration | 11-12-2020 |
|                         |   | Valid Upto          | 10-12-2021 |
|                         |   | Date of Issue       | 12-12-2020 |

## Instruments Details

|                 |                      |                   |     |
|-----------------|----------------------|-------------------|-----|
| Instrument Name | VENTILATOR           | S No.             | ... |
| Make/Model No.  | IndVentr/IndVentr200 | LOCATION          |     |
| BME ID          | ...                  | Visual Inspection | OK  |

## Details of Reference Standards &amp; Major Equipments Used

| SI.No | Equipment Name              | Make/Model                     | Serial No: | Calibration Validity | Calibration By                |
|-------|-----------------------------|--------------------------------|------------|----------------------|-------------------------------|
| 1     | GAS FLOW ANALYSER           | FLUKE<br>BIOMEDICAL/<br>VT 650 | 4638014    | 22/01/2021           | FCRI<br>PALAKKAD              |
| 2     | DIGITAL<br>THERMOHYGROMETER | -/HTC-2                        | ..         | 22/09/2021           | NENO<br>TECHNICAL<br>SERVICES |

## Environmental Condition

|             |      |                   |     |
|-------------|------|-------------------|-----|
| Temperature | 27°C | Relative Humidity | 54% |
|-------------|------|-------------------|-----|

## REMARKS:-

- ❖ This result of calibration refers to only to the particular items submitted for calibration.
- ❖ The result is valid at the time of and under the stated conditions measurement.
- ❖ Calibration certificate issued for weight & measure parameters like mass, weighting balance, volumetric equipment, measuring scales/tapes etc. Are scientific purpose only and should not used for commercial.

Calibrated By  
(SE)

Approved By  
(QM)  
SARATHUK B

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[www.cyrixhealthcare.com](http://www.cyrixhealthcare.com)

ISO 13485:2012 and 9001:2008 | AERB Approved QA Agency | NABL Accredited Calibration Agency

Branches : Uttar Pradesh & Karnataka

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| TEST NO. | PARAMETERS           | SET READING | DISPLAYED READING | MEASURED READING | TOLERANCE | UNIT  | STATUS |
|----------|----------------------|-------------|-------------------|------------------|-----------|-------|--------|
| 1        | INHALED TIDAL VOLUME | 1.100       | 1.137             | 1.115            | ±10%      | L     | P      |
|          |                      | 0.850       | 0.874             | 0.893            |           |       |        |
|          |                      | 0.400       | 0.402             | 0.403            |           |       |        |
| 2        | EXHALED TIDAL VOLUME |             | 1.040             | 1.062            | ±10%      | L     | P      |
|          |                      |             | 0.836             | 0.840            |           |       |        |
|          |                      |             | 0.285             | 0.367            |           |       |        |
| 3        | MINUTE VOLUME        |             | 13.23             | 12.31            | ±10%      | L     | P      |
|          |                      |             | 16.94             | 15.64            |           |       |        |
|          |                      |             | 8.73              | 5.516            |           |       |        |
| 4        | PEEP                 |             | 2                 | 2.12             | ±2        | cmH2O | P      |
|          |                      |             | 3                 | 3.48             |           |       |        |
|          |                      |             | 4                 | 2.86             |           |       |        |
| 5        | FREQUENCY            | 15          | 15                | 14.8             | ±1        | BPM   | P      |
|          |                      | 15          | 15                | 14.7             |           |       |        |
|          |                      | 15          | 15                | 14.8             |           |       |        |
| 6        | PEAK PRESSURE        |             | 14                | 14.71            | ±2        | cmH2O | P      |
|          |                      |             | 20                | 21.81            |           |       |        |
|          |                      | 9           | 10                | 9.30             |           |       |        |
| 7        | I:E RATIO            |             | 1:2               | 1:2.02           | NA        | NA    | P      |
|          |                      |             | 1:2               | 1:1.99           |           |       |        |
|          |                      |             | 1:2               | 1:2.08           |           |       |        |
| 8        | INSPIRATORY TIME     |             |                   | 1.34             | NA        | S     | P      |
|          |                      |             |                   | 1.36             |           |       |        |
|          |                      |             |                   | 1.32             |           |       |        |
| 9        | EXPIRATORY TIME      |             |                   | 2.72             | NA        | S     | P      |
|          |                      |             |                   | 2.72             |           |       |        |
|          |                      |             |                   | 2.74             |           |       |        |
| 10       | OXYGEN CONCENTRATION | 33          | 33                | 32.1             | ±5        | %     | P      |
|          |                      | 50          | 50                | 49.2             |           |       |        |
|          |                      | 21          | 21                | 19               |           |       |        |

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