

# FOGIENE SCIENCES PRIVATE LIMITED

17, 3<sup>rd</sup> floor, Patel Ram Reddy road,  
Krishna Reddy layout, Domlur  
Bangalore – 560071  
Phone: 080-43740929  
Email: support@fogiene.com



To,  
M/s. Zeebeetronics  
27, Krishna Reddy Colony  
Domlur Layout,  
Bangalore - 560071

## ANALYTICAL REPORT BIO AEROSOL

|                        |   |
|------------------------|---|
| Report number          | FL-REP-20200764                               |
| Date of sample receipt | 16-Nov-2020                                   |
| Sampling by            | Not Sampled by Fogiene Sciences               |
| Sample code            | FL-0155                                       |
| Sample name            | IONAIRE – Plasma Air Sanitizer (BIPOLAR IONS) |
| Analysed between       | 16-Nov-2020 to 20-Nov-2020                    |
| Date of report         | 21-Nov-2020                                   |

| SL NO | TEST PARAMETER   | Sample Preparation  |
|-------|------------------|---|
| 1     | Ionizer Efficacy | Organism is – <i>E. Coli</i><br>Pre dried plates are taken with E.coli having a range of $6 \times 10^6$ Cfu/ml. Then it is exposed in a closed chamber measuring 0.5m x 0.5m x 0.5m with ioniser for 5 minutes and 15 minutes, 1 hour and 5 hours and results noted. |

| Organism                | Time Point | Pre result      | Post Result       | Unit      | Reduction | Method                                       |
|-------------------------|------------|-----------------|-------------------|-----------|-----------|--|
| <i>Escherichia coli</i> | 5 min      | $6 \times 10^6$ | $5.5 \times 10^5$ | cfu/plate | 90.83%    | APHA 23 <sup>rd</sup> edition, BAM chapter 3 |
| <i>Escherichia coli</i> | 15 min     | $6 \times 10^6$ | $2.2 \times 10^5$ | cfu/plate | 96.33%    | APHA 23 <sup>rd</sup> edition, BAM chapter 3 |
| <i>Escherichia coli</i> | 1 Hour     | $6 \times 10^6$ | 03                | cfu/plate | 99.999%   | APHA 23 <sup>rd</sup> edition, BAM chapter 3 |
| <i>Escherichia coli</i> | 5 hours    | $6 \times 10^6$ | 01                | cfu/plate | 99.999%   | APHA 23 <sup>rd</sup> edition, BAM chapter 3 |

For Fogiene Sciences,



Authorised signatory

\*\*\*End of Report\*\*\*

Disclaimer: The test results in this report are only related to the sample received and analysed. This report shall not be reproduced in part or full without prior written approval from Fogiene Sciences Private Limited. The sample will be stored at the facility for a maximum of 30 days or till the shelf life expiry, whichever is earlier.

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