

# FOGIENE SCIENCES PRIVATE LIMITED

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## ANALYTICAL REPORT BIO AEROSOL

Report number	FL-REP-20200765
Date of sample receipt	16-Nov-2020
Sampling by	Not Sampled by Fogiene Sciences
Sample code	FL-0156
Sample name	IONAIRE - Anion Air Sanitizer Module (Negative 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> Pre dried plates are taken with <i>E.coli</i> 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 , 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	$6 \times 10^6$	$5.4 \times 10^5$	cfu/plate	91%	APHA 23 <sup>rd</sup> edition, BAM chapter 3
<i>Escherichia coli</i>	15 min	$6 \times 10^6$	$5.2 \times 10^5$	cfu/plate	91.33%	APHA 23 <sup>rd</sup> edition, BAM chapter 3
<i>Escherichia coli</i>	1 hr	$6 \times 10^6$	02	cfu/plate	99.999%	APHA 23 <sup>rd</sup> edition, BAM chapter 3
<i>Escherichia coli</i>	5 hr	$6 \times 10^6$	02	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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