

Bluezone Product Inc.

TEST REPORT

SCOPE OF WORK

Non-standardized Test Method: Microbial Reduction Rate Test

Product: Model 420 Air Purifier

REPORT NUMBER

104008979COL-003

ISSUE DATE

29-August-2019

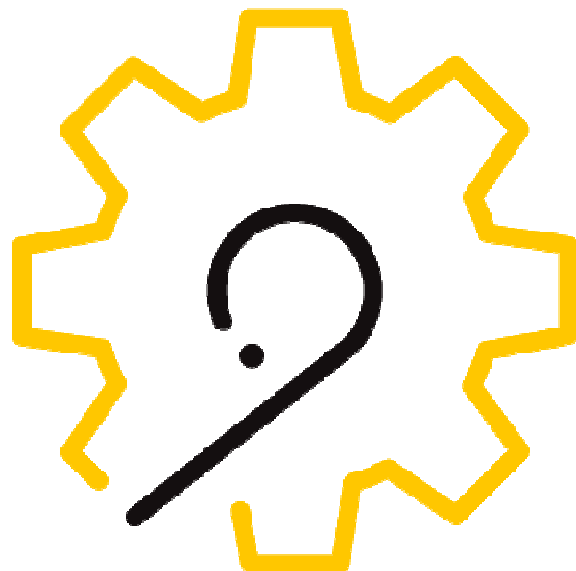
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DOCUMENT CONTROL NUMBER

GFT-OP-10h (6-July-2017)

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MICROBIOLOGICAL PERFORMANCE TEST REPORT

Client		Bluezone Products Inc. 225 Wildwood Ave Wobum, MA 01801
Project No.		G104008979
Sample	Product	Air Purifier
	Model	Model 420 Air Purifier
	Identification No.	COL1907151337-001
	Date Received	July 18, 2019
	Condition	New/Good
	Production or Prototype	Prototype
Procedural	Engineer	Nicholas Unger
	Reviewer	Lee Moomaw
	Dates Tested	07/29/2019 to 07/31/2019
	Report Date	08/29/2019
	Test Temperature and Relative Humidity	21-24C & 35-56% RH
Standard	Non-standardized Test Method: Microbial Reduction Rate Test	

Test Method Summary:

The test unit was placed in a test chamber and a microbial suspension was aspirated into the chamber. The test unit was turned on UV light verified on. Air samples were taken from the test chamber once the unit was turned on, and then at 15-minute intervals over a period of 2 hours. The process was then repeated without the test unit in the chamber to provide the natural decay results.

Summary of Results:

Test Parameter		
	Bacteria	Fungus
	<i>Bacillus atrophaeus</i> (ATCC 9372)	<i>Penicillium citrinum</i> (ATCC 9849)
Percent Reduction	99.9%	99.9%

Test Performed by:



Nicholas Unger
Project Engineer
Columbus Office

Report Approved by:



Lee Moomaw
Engineering Team Lead
Columbus Office