

Energetico, Inc.

TEST REPORT

SCOPE OF WORK

Non-standardized Test Method: Microbial Reduction Rate Test - Virus test (Phi X174)

PRODUCT

xTAC All in One

REPORT NUMBER

104322225COL-002

ISSUE DATE

12-May-2020

PAGES

2

DOCUMENT CONTROL NUMBER

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

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MICROBIOLOGICAL PERFORMANCE TEST REPORT

| | | |
|-------------|---|--|
| Client | | Energetico, Inc. PO Box 546212 Miami, Florida 33154 |
| Project No. | | G104322225 |
| Sample | Product | Air Purifier |
| | Model | xTAC All in One |
| | Identification No. | COL2004301011-001, COL2005051500-001, COL2004291109-001 |
| | Date Received | 05/05/2020, 4/30/2020, 4/29/2020 |
| | Condition | New/good |
| | Production or Prototype | Production |
| Procedural | Engineer | Nicholas Unger |
| | Reviewer | Lee Moomaw |
| | Dates Tested | 05/06/2020 – 05/11/2020 |
| | Report Date | 05/12/2020 |
| | Test Temperature and Relative Humidity | 22-23C 47-53% RH |
| Standard | Non-standardized Test Method: Microbial Reduction Rate Test | |

Test Method Summary:

The test unit was ducted into a sealed test chamber measuring 1000ft³ and a microbial suspension was aspirated into the chamber. The test unit was turned on. Air samples were taken from the test chamber once the unit was turned on and samples taken at 5-minute intervals for the first 15 minutes. Subsequent sampling took place every 15 minutes thereafter for 1 hour. The process was then repeated without the test unit turned on to provide the natural decay results. All plates were incubated overnight and bacterial/fungal/viral growth on test plate was compared to that of the natural decay control.

Air sampling took place using an SKC BioStage Single-stage impactor for 30 seconds at 12L/min. Results below represent the percent reduction at 1 hours.

Summary of Results:

| Test Parameter – xTAC All in One | |
|----------------------------------|-----------------------|
| Organism Type | Virus |
| Organism Name | Phi-X174 (#124425) |
| Percent Reduction | 99.9% |

Test Performed by:



Nicholas Unger
Project Engineer
Columbus Office

Report Approved by:



Lee Moomaw
Engineering Team Lead
Columbus Office