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Gmicro Testing



201819000883

## GUANGDONG DETECTION CENTER OF MICROBIOLOGY

### REPORT FOR ANALYSIS

Report №.

2025SP08337R01E

Name of Sample

Bactericidal air recirculator

Applicant

CARAVAN EXPRESS SRL

Test Type

Entrustment Test



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Report №.) 2025SP08337R01E

Verification Code: LU98PTJR

|                          |                                                                                                                                                      |                          |                                                                               |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------|
| Name of Sample           | Bactericidal air recirculator                                                                                                                        | Test Type                | Entrustment Test                                                              |
| Applicant                | CARAVAN EXPRESS SRL                                                                                                                                  | Address                  | Republic of MOLDOVA, Chisinau city, Decebal Boulevard 76, postal code MD-2038 |
| Sample Source            | Submitted for Testing by the Applicant                                                                                                               | Sample Quantity          | One                                                                           |
| Spec and Lot № of Sample | _____                                                                                                                                                | State and Characteristic | Machine                                                                       |
| Sample Received Date     | 2025-07-22                                                                                                                                           | Test Completion Date     | 2025-08-08                                                                    |
| Item Tested              | Microbial removal test method                                                                                                                        |                          |                                                                               |
| Test Standard and Method | QB/T 2761-2024 Appendix E                                                                                                                            |                          |                                                                               |
| Test Conclusion          | <p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p>Issue Date: 2025-08-08</p> <p>(Official Seal)</p> <p>检验检测专用章</p> |                          |                                                                               |
| Remarks                  |                                                                                                                                                      |                          |                                                                               |

Editor: Li Jiashu

Verifier: Chen Ling

Approver: Guo Weipeng





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### ANALYSIS AND TEST RESULT

Report №.: 2025SP08337R01E

#### Microbial removal test method

1. Test method: QB/T 2761-2024 Appendix E

2. Test results:

| Test organisms                                | Action time | Test times | Control group                                                           |                                                                         | Test Group                                                              |                                                                         | Killing rate (%) |
|-----------------------------------------------|-------------|------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|
|                                               |             |            | Number of bacterial colonies in initial space air (CFU/m <sup>3</sup> ) | Number of bacteria in the air after sterilization (CFU/m <sup>3</sup> ) | Number of bacterial colonies in initial space air (CFU/m <sup>3</sup> ) | Number of bacteria in the air after sterilization (CFU/m <sup>3</sup> ) |                  |
| <i>Acinetobacter baumannii</i><br>ATCC 19606  | 2 h         | 1          | $1.2 \times 10^5$                                                       | $3.2 \times 10^4$                                                       | $1.0 \times 10^5$                                                       | 7                                                                       | 99.97            |
|                                               |             | 2          | $1.0 \times 10^5$                                                       | $3.0 \times 10^4$                                                       | $1.1 \times 10^5$                                                       | 14                                                                      | 99.96            |
|                                               |             | 3          | $1.1 \times 10^5$                                                       | $3.0 \times 10^4$                                                       | $1.1 \times 10^5$                                                       | 7                                                                       | 99.98            |
| <i>Salmonella enteritidis</i><br>CMCC(B)50335 | 2 h         | 1          | $9.1 \times 10^4$                                                       | $2.5 \times 10^4$                                                       | $1.0 \times 10^5$                                                       | 14                                                                      | 99.95            |
|                                               |             | 2          | $1.1 \times 10^5$                                                       | $3.2 \times 10^4$                                                       | $1.0 \times 10^5$                                                       | 14                                                                      | 99.95            |
|                                               |             | 3          | $1.1 \times 10^5$                                                       | $2.8 \times 10^4$                                                       | $9.8 \times 10^4$                                                       | 14                                                                      | 99.94            |

Test space: 30 m<sup>3</sup> testing chamber

Environment relative humidity: 62.2 %

Environment temperature: 24.1 °C

Note: The result of killing rate test has eliminated the effect of microbial natural decay in air.

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