



广微测  
Gmicro Testing



201819000883



中国认可  
国际互认  
检测  
TESTING  
CNAS L1747

## GUANGDONG DETECTION CENTER OF MICROBIOLOGY

### REPORT FOR ANALYSIS

Report №.

2020FM13992R01E

Name of Sample

Caris Non-rinse disinfectant

Applicant

Shanghai Manchin New Material Technology Co Ltd

Test Type

Entrustment Test



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# GUANGDONG DETECTION CENTER OF MICROBIOLOGY

## REPORT FOR ANALYSIS



Report No.: 2020FM13992R01E Verification Code: 91750238

|                           |                                                                                                                                                          |                          |                                                                 |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------|
| Name of Sample            | Caris Non-rinse disinfectant                                                                                                                             | Test Type                | Entrustment Test                                                |
| Applicant                 | Shanghai Manchin New Material Technology Co Ltd                                                                                                          | Address                  | 3F, Zone A, No.7 YuanDa Road, JiaDing District, Shanghai, China |
| Sample Source             | Submitted for Testing by the Applicant                                                                                                                   | Sample Quantity          | 300ml                                                           |
| Spec and Lot No of Sample | 100ml/bottle                                                                                                                                             | State and Characteristic | Liquid                                                          |
| Sample Received Date      | 2020-05-15                                                                                                                                               | Test Completion Date     | 2020-05-26                                                      |
| Test Standard and Method  | Technical Standard for Disinfection (2002 Ministry of Health P.R.China)-2.1.1.7.4 Suspension quantitative germicidal test, 2.1.1.9 Fungicidal experiment |                          |                                                                 |
| Item Tested               | Suspension quantitative germicidal test                                                                                                                  |                          |                                                                 |
| Test Conclusion           | <p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p>Issue Date: 2020-06-13<br/>(Official Seal)</p>                       |                          |                                                                 |
| Remarks                   | <p>检验检测专用章</p>                                                                                                                                           |                          |                                                                 |

Editor:

Qiunanchun

Verifier:

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Approver:

Xie Xiaobao





GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2020FM13992R01E

| The tested organism                       | Action concentration and time | No. | The number of bacteria in positive control group (cfu/mL) | The average number of bacteria in positive control group (cfu/mL) | The logarithm of the average number of bacteria in positive control group | The number of bacteria in the test group (cfu/mL) | Sterilization logarithm | Killing rate (%) |
|-------------------------------------------|-------------------------------|-----|-----------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------|-------------------------|------------------|
| <i>Escherichia coli</i><br>8099           | Original<br>1min              | 1   | $2.8 \times 10^7$                                         | $3.3 \times 10^7$                                                 | 7.52                                                                      | $2.1 \times 10^4$                                 | 3.13                    | 99.9250          |
|                                           |                               | 2   | $3.2 \times 10^7$                                         |                                                                   |                                                                           | $2.7 \times 10^4$                                 | 3.07                    | 99.9156          |
|                                           |                               | 3   | $3.9 \times 10^7$                                         |                                                                   |                                                                           | $3.1 \times 10^4$                                 | 3.10                    | 99.9205          |
|                                           | Original<br>3h                | 1   | $2.5 \times 10^7$                                         | $3.1 \times 10^7$                                                 | 7.49                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 2   | $3.1 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 3   | $3.8 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                           | Original<br>6h                | 1   | $2.7 \times 10^7$                                         | $3.4 \times 10^7$                                                 | 7.53                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 2   | $3.5 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 3   | $4.0 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
| <i>Staphylococcus aureus</i><br>ATCC 6538 | Original<br>1min              | 1   | $3.9 \times 10^7$                                         | $4.3 \times 10^7$                                                 | 7.64                                                                      | $2.3 \times 10^2$                                 | >5.00                   | 99.9994          |
|                                           |                               | 2   | $4.3 \times 10^7$                                         |                                                                   |                                                                           | $2.6 \times 10^2$                                 | >5.00                   | 99.9994          |
|                                           |                               | 3   | $4.8 \times 10^7$                                         |                                                                   |                                                                           | $1.5 \times 10^2$                                 | >5.00                   | 99.9997          |
|                                           | Original<br>3h                | 1   | $3.8 \times 10^7$                                         | $4.3 \times 10^7$                                                 | 7.63                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 2   | $4.2 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 3   | $4.9 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                           | Original<br>6h                | 1   | $3.6 \times 10^7$                                         | $4.2 \times 10^7$                                                 | 7.63                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 2   | $4.4 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                           |                               | 3   | $4.8 \times 10^7$                                         |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |

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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2020FM13992R01E

| The tested organism                         | Action concentration and time | No. | The number of bacteria in positive control group (cfu/mL) | The average number of bacteria in positive control group (cfu/mL) | The logarithm of the average number of bacteria in positive control group | The number of bacteria in the test group (cfu/mL) | Sterilization logarithm | Killing rate (%) |
|---------------------------------------------|-------------------------------|-----|-----------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------|-------------------------|------------------|
| <i>Candida albicans</i><br>ATCC 10231       | Original<br>1min              | 1   | 2.1×10 <sup>6</sup>                                       | 2.8×10 <sup>6</sup>                                               | 6.45                                                                      | 7.7×10 <sup>2</sup>                               | 3.43                    | 99.963           |
|                                             |                               | 2   | 3.0×10 <sup>6</sup>                                       |                                                                   |                                                                           | 9.3×10 <sup>2</sup>                               | 3.50                    | 99.969           |
|                                             |                               | 3   | 3.4×10 <sup>6</sup>                                       |                                                                   |                                                                           | 1.1×10 <sup>3</sup>                               | 3.49                    | 99.968           |
|                                             | Original<br>3h                | 1   | 2.4×10 <sup>6</sup>                                       | 3.0×10 <sup>6</sup>                                               | 6.47                                                                      | <10                                               | >5.38                   | >99.999          |
|                                             |                               | 2   | 3.0×10 <sup>6</sup>                                       |                                                                   |                                                                           | <10                                               | >5.47                   | >99.999          |
|                                             |                               | 3   | 3.6×10 <sup>6</sup>                                       |                                                                   |                                                                           | <10                                               | >5.56                   | >99.999          |
|                                             | Original<br>6h                | 1   | 2.6×10 <sup>6</sup>                                       | 2.4×10 <sup>6</sup>                                               | 6.38                                                                      | <10                                               | >5.41                   | >99.999          |
|                                             |                               | 2   | 3.0×10 <sup>6</sup>                                       |                                                                   |                                                                           | <10                                               | >5.47                   | >99.999          |
|                                             |                               | 3   | 1.7×10 <sup>6</sup>                                       |                                                                   |                                                                           | <10                                               | >5.23                   | >99.999          |
| <i>Pseudomonas aeruginosa</i><br>ATCC 15442 | Original<br>1min              | 1   | 2.4×10 <sup>7</sup>                                       | 3.1×10 <sup>7</sup>                                               | 7.49                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                             |                               | 2   | 2.9×10 <sup>7</sup>                                       |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                             |                               | 3   | 4.0×10 <sup>7</sup>                                       |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                             | Original<br>3h                | 1   | 2.7×10 <sup>7</sup>                                       | 3.3×10 <sup>7</sup>                                               | 7.51                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                             |                               | 2   | 3.3×10 <sup>7</sup>                                       |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                             |                               | 3   | 3.8×10 <sup>7</sup>                                       |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                             | Original<br>6h                | 1   | 2.5×10 <sup>7</sup>                                       | 3.0×10 <sup>7</sup>                                               | 7.48                                                                      | <10                                               | >5.00                   | >99.9999         |
|                                             |                               | 2   | 3.0×10 <sup>7</sup>                                       |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
|                                             |                               | 3   | 3.6×10 <sup>7</sup>                                       |                                                                   |                                                                           | <10                                               | >5.00                   | >99.9999         |
| (Blank Below)                               |                               |     |                                                           |                                                                   |                                                                           |                                                   |                         |                  |





Report №.: 2020FM13992R01E

## Notice Items

1. The Test report is invalid if not affixed with Authorized Stamp of Test and Paging Seal.
2. The Test report is invalid without signature of verifier and approver.
3. The Test report is invalid if being supplemented, deleted or altered.
4. Without prior written permission, the report cannot be reproduced, except in full.
5. Unless otherwise stated, the results shown in this test report refer only to the sample(s) submitted.
6. Any dispute of the report must be raised to the testing body within 15 days after the report is received, exceeding which the dispute will not be accepted.
7. For the tested sample(s) submitted by the applicant, the sample information in the test report is provided by the applicant and the laboratory is not responsible for its authenticity.

