

**Test Report****No: SHCPCH211112101E-6-3****Date: Dec 16 2021**

Client name: YASUDA BIOTECHNOLOGY JIANGSU CO.,LTD.
Client address: NO.G121,CHINA MEDICAL CITY ,TAIZHOU CITY ,JIANGSU PROVINCE 225300 CHINA

Sample name: mini light carrying sanitary wipes
Date of manufacture Valid /
Period or Batch/Exp. Date:
Manufacturer: YASUDA BIOTECHNOLOGY JIANGSU CO.,LTD.
Others: AT8042

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SGS job No.: SHCPCH211112101-6
SGS reference No.: /
Date of receipt: Nov 03 2021
Testing period: Nov 03 2021~Dec 06 2021

Test(s) requested(selected test(s) as requested by applicant), test method(s), test result(s):
Please refer to next page

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, and this document cannot be used for improper publicity without approval of the Company, not be allowed to copy testing report (except for copy of full text) without written approval.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd



Authorized Signature Angela Yu

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RAND: 6500317



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Test Report

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TEST(S) REQUESTED:

Selected test(s) as requested by applicant:
Bactericidal activity test for the submitted sample(s)

TEST METHOD(S):

GB 15979-2002 Hygienic standard for disposable sanitary products: C3: the test method of bactericidal activity

TEST ORGANISM(S):

Staphylococcus Aureus ATCC6538, *Escherichia coli* 8099

TEST RESULT(S):

1) Neutralizer efficacy test:

a.

Test organism: *Escherichia coli* 8099

Neutralizer: D/E broth

Test time: 5min

| Test group | | Average survival bacteria (cfu/piece) | | |
|---|---|--|--------------------|--------------------|
| | | Repeat 1 | Repeat 2 | Repeat 3 |
| 1. | Inoculated sample+5mL PBS | <10 | <10 | <10 |
| 2. | Inoculated sample+5mL neutralizer | 40 | 35 | 50 |
| 3. | Inoculated control sample +5mL neutralizer | 3.2×10^4 | 3.3×10^4 | 3.4×10^4 |
| 4. | sample +5mL neutralizer + Inoculated control sample | 3.5×10^4 | 3.2×10^4 | 3.4×10^4 |
| 5. | Inoculated control sample +5mL PBS | 3.6×10^4 | 3.3×10^4 | 3.5×10^4 |
| the error rate between test group 3,4,5 | | 5% | 1% | 1% |
| 6. | Same batch of PBS | no bacteria growth | no bacteria growth | no bacteria growth |
| 7. | Same batch of neutralizer | no bacteria growth | no bacteria growth | no bacteria growth |
| 8. | Same batch of culture medium | no bacteria growth | no bacteria growth | no bacteria growth |
| The test evaluating of neutralizer | | Pass | Pass | Pass |
| Comment | | The selected neutralizer complies with standard requirements in identification test for <i>Escherichia coli</i> , can be used in the bactericidal test for <i>Escherichia coli</i> | | |

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b.

Test organism: *Staphylococcus Aureus* ATCC6538

Neutralizer: D/E broth

Test time: 5min

| Test group | | Average survival bacteria (cfu/piece) | | |
|---|---|--|--------------------|--------------------|
| | | Repeat 1 | Repeat 2 | Repeat 3 |
| 1. | Inoculated sample+5mL PBS | <10 | <10 | <10 |
| 2. | Inoculated sample+5mL neutralizer | 15 | 15 | 25 |
| 3. | Inoculated control sample +5mL neutralizer | 1.1×10^4 | 1.1×10^4 | 1.1×10^4 |
| 4. | sample +5mL neutralizer + Inoculated control sample | 1.2×10^4 | 1.1×10^4 | 1.1×10^4 |
| 5. | Inoculated control sample +5mL PBS | 1.1×10^4 | 1.1×10^4 | 1.1×10^4 |
| the error rate between test group 3,4,5 | | 4% | 0% | 0% |
| 6. | Same batch of PBS | no bacteria growth | no bacteria growth | no bacteria growth |
| 7. | Same batch of neutralizer | no bacteria growth | no bacteria growth | no bacteria growth |
| 8. | Same batch of culture medium | no bacteria growth | no bacteria growth | no bacteria growth |
| The test evaluating of neutralizer | | Pass | Pass | Pass |
| Comment | | The selected neutralizer complies with standard requirements in identification test for <i>Staphylococcus aureus</i> , can be used in the bactericidal test for <i>Staphylococcus aureus</i> | | |

2) Bactericidal activity test

| Test organisms | Test time (minute) | Test repeat times | Average survival bacteria from control sample (cfu/piece) | Average survival bacteria from sample (cfu/piece) | Bactericidal rate (%) |
|--------------------------------|--------------------|-------------------|---|---|-----------------------|
| Escherichia coli 8099 | 5 | 1 | 1.3×10^4 | <10 | >99.9 |
| | | 2 | 1.3×10^4 | <10 | >99.9 |
| | | 3 | 1.3×10^4 | <10 | >99.9 |
| Staphylococcus Aureus ATCC6538 | 5 | 1 | 4.0×10^4 | <10 | >99.9 |
| | | 2 | 3.7×10^4 | <10 | >99.9 |
| | | 3 | 3.6×10^4 | <10 | >99.9 |

Remark: Control Sample: 100% cotton fabric, provided by SGS lab.

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Sample Description: sample in bag



The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc.

*** End of Report***

