

Quality Test Report

ORIGINAL

Test Report No. 20220003608-1 (Page 1 of 4)

Applicant: Natula. Co., Ltd.

June 29, 2020

BOKEN QUALITY EVALUATION INSTITUTE

Test results to submitted sample are as follows.

BOKEN

Osaka Functional Textile
Testing Center

Reception Date : April 22, 2020

1-6-24 Chidoka, Minato-ku, Osaka-shi,
Osaka 552-0021, Japan

Item Name : BK-01

TEL.+81-6-6577-0200/FAX.+81-6-6577-0210

Number of Item : 1

Test Item : The test of the antiviral efficacy

Test Method : ISO 18184 : 2019 Textiles - Determination of antiviral activity of textile products

Infective titre measurement : Plaque assay

Test virus : Influenza A virus (H3N2) : ATCC VR-1679

Test Result :

| Test sample | | The common logarithm average of infectivity titer value | | The antiviral activity value $\lg(Va) - \lg(Vc)$ |
|----------------|----------------------------------|--|------|---|
| Standard cloth | Immediately after inoculation | $\lg(Va)$ | 6.53 | ————— |
| | After 2h | $\lg(Vb)$ | 5.90 | ————— |
| BK-01 | | $\lg(Vc)$ | 2.30 | 4.2 |

Notice - This test result is applied to the submitted sample, not to the lot.
Unauthorized reproduction, in whole or in part, is strictly prohibited.



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Quality Test Report

Test Report No. 20220003608-1 (Page 2 of 4)

Test Result :

| Verification of this test | | Test sample | Test result | Verification |
|---------------------------|--|-------------|-------------------|--------------|
| Test item | Criterion value | | | |
| a | The virus infective titer of inoculated concentration for the test (PFU/mL) | ————— | 1.3×10^7 | Pass |
| b | Verification of cytotoxic effect | BK-01 | No damage | Pass |
| | Verification of cell sensitivity to virus and inactivation of antiviral activity | BK-01 | 0.1 | Pass |
| c | Logarithm reduction value of infective titer of control specimen | ————— | 0.6 | Pass |

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Quality Test Report

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Test Report No. 20220003608-1 (Page 3 of 4)

Applicant: Natula. Co., Ltd.

June 29, 2020

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Test results to submitted sample are as follows.

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Osaka Functional Textile
Testing Center

Reception Date : April 22, 2020

1-6-24 Chikko, Minato-ku, Osaka-shi,
Osaka 552-0021, Japan

Item Name : BK-01

TEL.+81-6-6577-0200/FAX.+81-6-6577-0210

Number of Item : 1

Test Item : The test of the antiviral efficacy

Test Method : ISO 18184 : 2019 Textiles - Determination of antiviral activity of textile products

Infective titre measurement : Plaque assay

Test virus : Feline calicivirus; ATCC VR-782

Test Result :

| Test sample | | The common logarithm average of infectivity titer value | | The antiviral activity value $\lg(V_a) - \lg(V_c)$ |
|----------------|-------------------------------|---|------|---|
| Standard cloth | Immediately after inoculation | $\lg(V_a)$ | 6.58 | ————— |
| | After 2h | $\lg(V_b)$ | 5.93 | ————— |
| BK-01 | | $\lg(V_c)$ | 2.30 | 4.3 |

*Wash-out solution:SCDLP medium added with 10% serum

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Test Report No. 20220003608-1 (Page 4 of 4)

Test Result :

| Verification of this test | | Test sample | Test result | Verification |
|---------------------------|--|-------------|-------------------|--------------|
| Test item | Criterion value | | | |
| a | The virus infective titer of inoculated concentration for the test (PFU/mL) | ————— | 2.3×10^7 | Pass |
| b | Verification of cytotoxic effect | BK-01 | No damage | Pass |
| | Verification of cell sensitivity to virus and inactivation of antiviral activity | BK-01 | 0.1 | Pass |
| c | Logarithm reduction value of infective titer of control specimen | ————— | 0.7 | Pass |

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