

Test Report

Applicant: Clean & Green Technology Co., Ltd.
6F., NO. 110, HUAINING ST.,
TAIPEI Taiwan (R.O.C.)

Number : TWNC00886550

Date Issued : May 19, 2020

Sample Description:

One (1) Group of Submitted Sample Said To Be :

Item Name : ECO-Friendly Antibacterial Fabric for Mask Use
(AATCC61-After 50 Washes)
Item No. : PL-508
Color : White
Quantity : 1 Group
Country of Origin : Taiwan
Date Job Applied : May 18, 2020

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

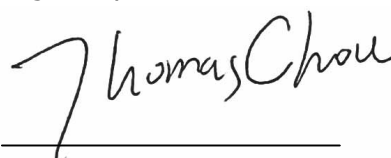
Remark: Results were translated from report no. TWNC00883109 dated May 18, 2020.

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited

Carol Peng
General Manager



Signed by:



Thomas Chou
Manager



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Test Conducted :

1. Antibacterial Activity Test

As per AATCC TM100-2019.

Test Organism : *Klebsiella pneumoniae* (ATCC 4352)

Sterilization Of Sample Before Test : No Sterilization

Neutralizing Solution : Dey Engley Broth

Concentration Of Surfactant : 0.05% Triton X-100

Contact Time : 24 Hours

Incubation Temperature : 37±2°C

Incubation Period : 24-48 Hours

Agar Medium : Nutrient Agar

Swatches Weight : 1.0±0.1 g

Tested Specimen : Submitted Sample (Swatches with 3.8 X 3.8±0.1 cm)

Result :

<u>Name Of Test Bacteria</u> <u>(Strain Number)</u>	<i>Klebsiella pneumoniae</i> (ATCC 4352)
The number of bacteria recovered from the inoculated viability control fabric swatches immediately after inoculation ("0" contact time) (D)	1.02 x 10 ⁵ CFU/Sample
The number of bacteria recovered from the inoculated viability control fabric swatches incubated over 24 hours contact period (B)	8.72 x 10 ⁷ CFU/Sample
The number of bacteria recovered from the inoculated tested sample swatches immediately after inoculation ("0" contact time) (C)	1.02 x 10 ⁵ CFU/Sample
The number of bacteria recovered from the inoculated tested sample swatches incubated over 24 hours contact period (A)	<100 CFU/Sample
Growth value (F)	2.93
Percent reduction of Bacteria (R)	>99.90%

Calculation of percent reduction of Bacteria:

$$R = (C-A)/C \times 100\%$$

$$F = \text{Log B} - \text{Log D}$$

Remarks : CFU = Colony forming unit

< = Less than

> = More than

Viability control fabric = Cotton standard adjacent fabric(cotton No.3) specified in JIS L0803





End of Report

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