



No. TO- 2403916-2-1/2

TEST REPORT

Receipt date : 2024/5/1

Issuance date : 2024/5/21

Client : MONTELUCE/MARUYASU Corporation

The Japan Cotton & Staple Fiber Fabric Inspection Institute Foundation

Tokyo Test Center



Sample name : 2/58 PROOF PLUS ECO CLEAR

Number of sample : 2

Test method : JIS L 1902:2015 Quantitative test(Absorption method - Plate count method)

Test performance period : May 13th to May 20th

Test results : As follows

	Sample color*1	Washing times*2	logT ₀	logT _t	A*3
1	PCE07 WHITE	0	4.5	1.3	5.7
2	PCE07 WHITE	10	4.4	2.6	4.5
3					
4					
5					
6					

logT₀ is the common logarithm for the number of bacteria obtained from test specimens immediately after inoculation.

logT_t is the common logarithm for the number of bacteria obtained from test specimens after 18h incubation.

A is the antibacterial activity value.

*1 We use 0.05% Polyoxyethylene sorbitanmono-oleate(Tween 80) as a surfactant at inoculation.

Test specimens are sterilized by autoclave.

*2 Washing methods by The Japan Textile Evaluation Technology Council(JTETC)'s documents "Washing Methods for SEK Mark Textile Products".

*3 In case of logC₀>logT₀, We calculate logT₀ as logC₀.

Test bacteria(strain number)	<i>Staphylococcus aureus</i> (NBRC12732)
Concentration of inoculum (CFU/mL)	1.5 × 10 ⁵ (CFU/mL)

Judgement of test effectiveness

The number of bacteria obtained from control fabric*4 immediately after inoculation (logC ₀)	4.5	Growth value 2.5 ≥ 1.0(effective)
The number of bacteria obtained from control fabric*4 after 18h incubation (logC _t)	7.0	

*4 We use Cotton fabric obtain from JTETC as control fabric.

	1	2	3	4	5	6
Test sample						

The Japan Cotton & Staple Fiber Fabric Inspection Institute Foundation
 1-10-5, Komagome, Toshima-ku, Tokyo, Japan
 TEL 03-3943-3174 FAX 03-3943-3183

Dealing	Receptionist	Inspector	Check

※This test report is effective for only applied sample, not for the lot. This test report shall not be reproduced except in full, without the prior written approval of the issuing laboratory.



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Test bacteria(strain number)	<i>Moraxella osloensis</i> (ATCC19976)
Concentration of inocuim (CFU/mL)	1.0 × 10 ⁵ (CFU/mL)

Judgement of test effectiveness

The number of bacteria obtained from control fabric*4 immediately after inoculation (logC ₀)	4.2	Growth value 3.1 ≥ 1.0(effective)
The number of bacteria obtained from control fabric*4 aftet 18h incubation (logC _t)	7.3	

*4 We use Cotton fabric obtain from JTETC as control fabric.

	1	2	3	4	5	6
Test sample						

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