TEST REPORT

Puri-Line
All-Round Mop

Test item:	Bacteria pick-up rate (microorganisms)
ISO standard:	6330:2021
Report no.:	DL-20230713-10
Test date:	05.07.2023
Issue date:	13.07.2023

Puri-Line
All-Round Mop
79% recycled fibers

1000007837
1000007838

For test result please see next page

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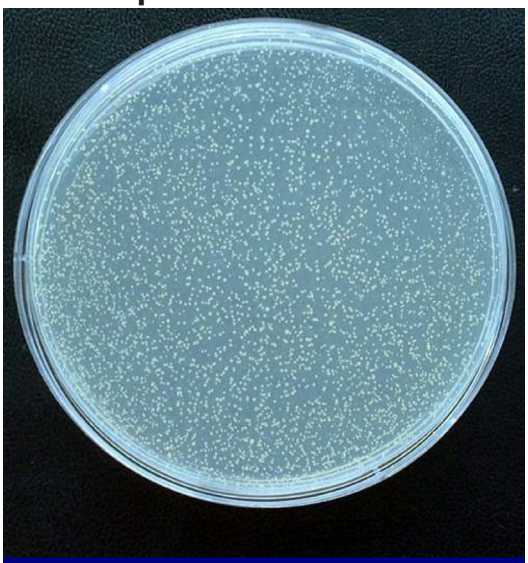
TEST RESULT

Puri-Line
All-Round Mop

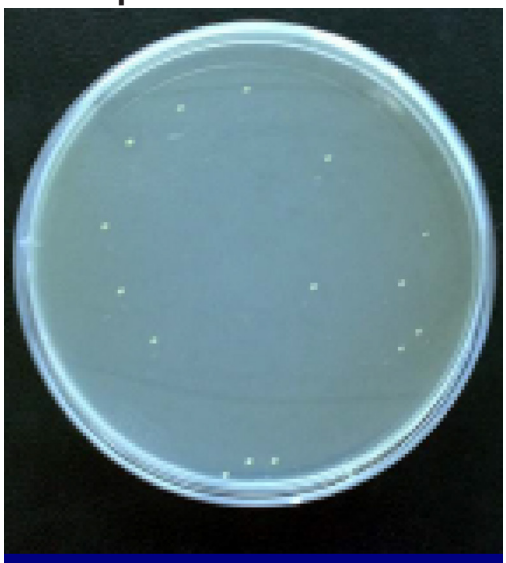
Bacteria pick-up rate (%)	Before washing: **99.9 %** After washing (300 times): **98.9%**
Test bacteria	Staphylococcus aureus ATCC 6538. Exists in e.g. kitchens, on kitchen utensils, in foodstuffs and dairy products. Causes: vomit, food poisoning and diarrhea.
Art. no.	1000007837 1000007838

Before wipe:



Bacteria
Staphylococcus aureus

After wipe:



Bacteria
Staphylococcus aureus

Calculation of the mop's capacity to pick up bacteria:

Bacteria pick-up rate = $[(M_b - M_c) / M_b] \times 100$

M_b = Average of the number of bacteria on the test surface before pick-up.
(The amount of bacteria which was spread on the surface)

M_c = Average of the number of bacteria on the test surface after pick-up.
(The amount of bacteria on the surface after the wipe)

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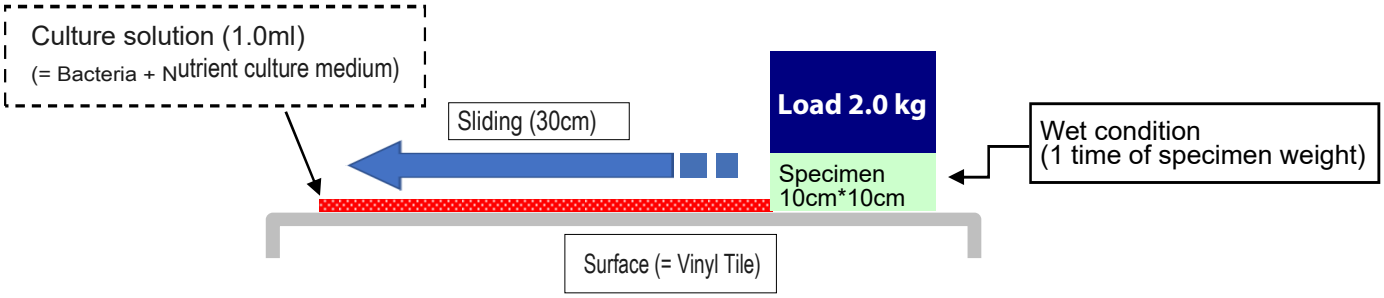
TEST METHOD

Puri-Line All-Round Mop

Test conditions:

Amount of water	1 time of specimen weight
Load weight	2 kg
Surface	Vinyl tile (wax coated)
Sliding range	30 cm
Washing condition	Industry washing machine, 90 ˚C Alkali detergent Washing times: 300 times

Illustration of the test method:



CONCLUSION

Puri-Line All-Round Mop has a documented pickup of microorganisms of min. 98.9%.

The test result is based on test with bacteria within the group of microorganisms, where viruses also are included as a part of this group because of their sizes.
When microfiber product's ability to pick up microorganisms is tested, the size of the test object is pivotal. Thus, it is not important whether the microorganism is a bacterium or a virus. Microfiber does not distinguish between the types of microorganisms when they pick them up. Microfiber's ability to pick up microorganisms varies from product to product.

The tests are always conducted with bacteria within the art of microorganisms because of two reasons:

1) Bacteria constitute the most extensive health risk because they multiply and evolve with time. Viruses disappear after a certain amount of hours.
2) Bacteria are more safe to use in tests and they are more accessible as test objects.

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Application Lab
Weber Leucht

CERTIFICATE

The independent laboratory Weber & Leucht issues a certificate to

Abena A/S

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Denmark

for the testing of

Cleaning textiles: Microplastic loss rate/ MLC-Index

Products tested:

Puri-Line All-Round Moppe, 79% recycled fiber

in accordance to the following standard(s)

SP_0142:2018 - Microparticle loss rate for cleaning textiles / MLC-Index

Microparticle loss rate: 169,5 mg/m^2 [1oo cycles]

MLC-Index:--- A --- LOW ---

This certificate refers exclusively to the results of the report 71735 from 18.12.2023

Fulda, 21.12.2023

Dipl. Ing. (FH) Stephanie Leucht

Date Signature

This certificate with the registration no. WL-0190
is valid until 22.12.2025

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