

Norwex Japan Co. Ltd.

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Japan Spinners Inspecting Foundation

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Date of sample receipt: April 30, 2003

Test No. 604738

Article: cloth

Subject: Test for microorganism eradication

Tested Culture: Staphylococcus aureus NBRC 12732
Escherichia coli NBRC 3972

Test Method:

Culture solution regulated at 2.5 to 10 x 10 cells/ml is dropped on a film (6 x 6 cm square) by 0.4ml using 1/500NB. The culture solution on the film is wiped off by the cloth sample. Then detection on the film surface is performed immediately to measure viable cell count by mixed dilution plate medium culture method. Besides, measurement on another film is also conducted after dropping culture solution in order to exemplify viable cell count before wiping off. The rate of eradication is calculated according to the formula below.

Rate of eradication (%)

Name of sample	Staphylococcus aureus	Escherichia coli
Cloth	99.9% or more	99.9% or more

Date of sample receipt: September 3, 2003

Subject: Test for microorganism eradication

Tested Culture: Staphylococcus aureus NBRC 12732
Escherichia coli NBRC 3972

Test Method:

The above test was completed again in the same manner. However this test was conducted after the cloth sample had been washed 300 times based on the washing resistance

Rate of eradication (%)

Name of sample	Staphylococcus aureus	Escherichia coli
Cloth	99.9% or more	99.9% or more

This test confirms that the Norwex Microfiber cloth removes 99.9% of bacteria from a surface. It also confirmed that even after washing the cloth 300 times it was still able to pick up 99.9% of bacteria from the surface.