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Lab Log # M17-057

## Microbiology Laboratory Report

**To:** Les Bridwell, Cleaner Solutions Inc.  
**From:** Daniel Price, Ph.D., and Brandi Prestridge  
**Date:** 12 April 2017  
**Re:** ASTM G21 Test of MICROSTATIC Treated Towels And Linen

### Introduction:

MICROSTATIC treated samples labeled as follows were submitted for fungal resistance testing.

PVHNT312 (new towel)

PSHNT312 (soiled towel)

PVHNS312 (linen)

### Materials and Methods:

ASTM G21 was used to assess the samples against a mixed fungal spore inoculum. Samples were reviewed weekly for 28 days.

# Interface Microbiology Services

**Results:** X / X mold growth rating for duplicate samples:

Sample	Day 7	Day 14	Day 21	Day 28
PVHNT312 (new towel)	0/0	0/0	0/0	0/0
PSHNT312 (soiled towel)	0/0	0/0	0/1	0/1
PVHNS312 (linen)	0/0	0/0	0/0	0/0
<b>Mixed mold spore viability control</b>	2	3	4	4

**0 = no fungal growth on sample**

**1 = (<10% coverage) Traces of growth**

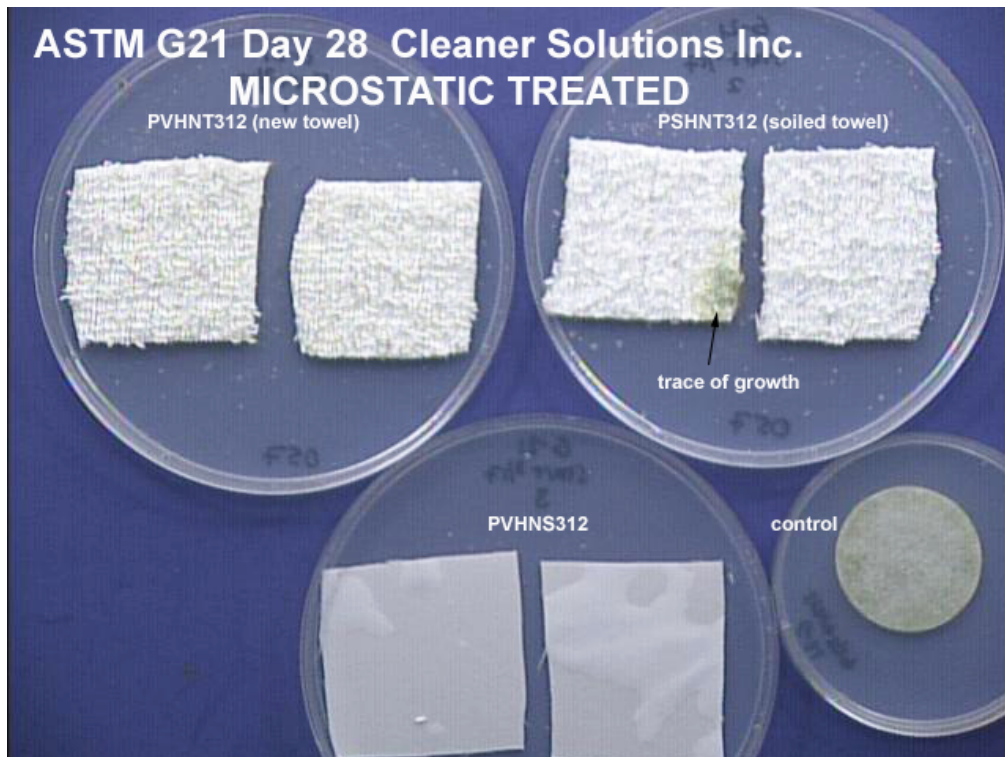
**2 = (10-30% coverage) Light growth**

**3 = (30-60% coverage) Medium growth**

**4= (60% to complete coverage) Heavy growth**

## Discussion:

Under these test conditions, MICROSTATIC treated PVHNT312 (new towel) and PVHNS312 (linen) were free of fungal colonization. One of the test duplicates of PSHNT312 (soiled towel) had a trace of mold growth (see report photo).



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