

### Health is precious. As silver.



**ANTIMICROBIAL FLOOR PADS WITH ADDED SILVER IONS** 

Range 6 Silver is a new set of floor pads with added silver ions to reduce the growth of bacteria by up to 99,99%. Silver ions technology has been proved to be highly effective against MRSA, E.Coli, Listeria and over 50 other bacteria species. Range 6 Silver floor pads are very suitable to clean the surfaces of public areas, as schools, airports and hospitals, permit to avoid the propagation of Bacterias.









#### FIBRATESCO STI ARE INTERESTED IN USING THE BIOMASTER ANTIMICROBIAL TECHNOLOGY IN A LIQUID FORMAT

Fibratesco submitted 2 sets of samples for testing.

**TEST METHOD:** ISO 22196:2011

LABORATORY: INDUSTRIAL MICOBIOLOGICAL SERVICES LTD

CERTIFICATE #: 1024100.331/8596

#### ANTIMICROBIAL TEST RESULTS.

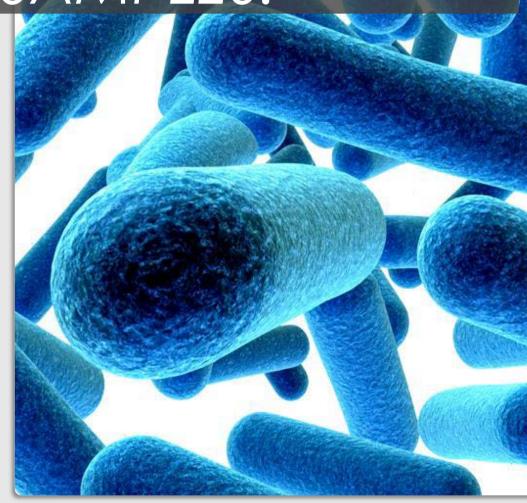
#### Fibratesco srl.

### OF SUBMITTED TEST SAMPLES.



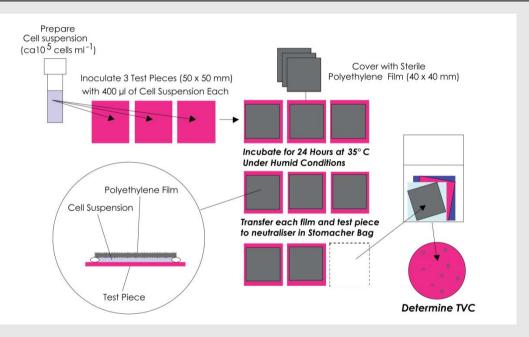
FIBRATESCO SUBMITTED A RED SET AND A WHITE SET OF SAMPLE PADS FOR TESTING CONTAINING Biomaster AT300. THE RED SET ARE SHOWN ABOVE

These samples were tested to ISO 22196:2011 standards along with a control pad sample.



#### HOW YOUR SAMPLES

#### ARE TESTED.

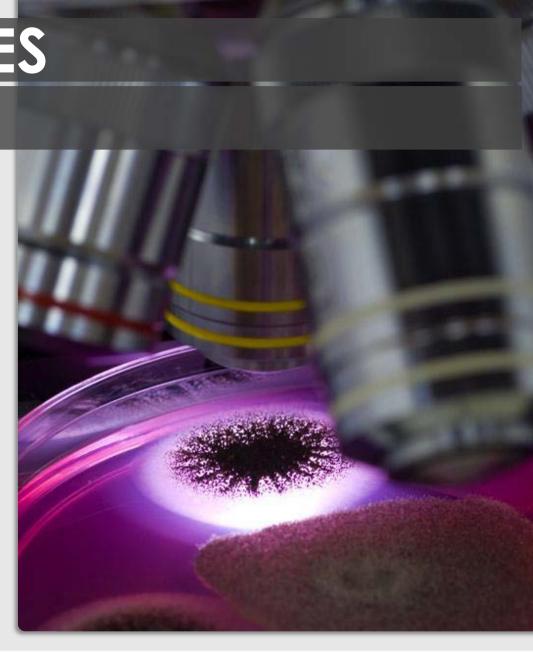


TO DETERMINE ANTIMICROBIAL EFFICACY SAMPLES ARE TESTED TO ISO 22196:2011.

Submitted samples are challenged against stock cultures of S.aureus and E.coli purchased from ATCC.

Samples are inoculated using a known amount of the above cultures and incubated for 24 hours at 37°C according to ISO 22196:2011. TVC (Total Viable Count) of bacteria are then recorded and the percentage of reduction is calculated.

All testing is carried out independently at Industrial Microbiological Services Ltd.



## YOUR ANTIMICROBIAL TEST RESULTS.

The table below shows the results recorded by Industrial Microbiological Services Ltd using the ISO 22196:2011 standard.

DESCRIPTION	LOD	BACTERIA OHRS		BACTERIA 24HRS		% REDUCTION	
		S.aureus	E.coli	S.aureus	E.coli	S.aureus	E.coli
White/Silver Pad + 0.3% Biomaster AT300		1.1E+04	1.2E+04	<25.0	<25.0	≥ 99.77	≥ 99.79
Red/Silver Pad + 0.3% Biomaster AT300		1.1E+04	1.2E+04	<25.0	<25.0	≥ 99.77	≥ 99.79

**DESCRIPTION:** DESCRIPTION OF THE TEST SAMPLE.

LOD: LIMIT OF DETECTION.

BACTERIA OHRS: CFU OF BACTERIA AT 0 HOURS OF TESTING.

BACTERIA 24HRS: CFU OF BACTERIA AT 24 HOURS OF TESTING.

% REDUCTION: % LEVEL OF REDUCTION IN BACTERIA.

CFU: COLONY FORMING UNITS.



### CONCLUSIONS ON TEST RESULTS.

ALL Fibratesco srl SAMPLES WERE TESTED TO ISO 22196:2011.

From the results it was seen that when incorporating the Biomaster AT300 into the pads at 0.3% an excellent antimicrobial efficacy  $\geq 99.7~\%$  was seen against E.coli and S.aureus for both the red and white sample





# The first floor pads with ANTIMICROBIAL ACTION









