

**CERTIFICATE OF ANALYSIS**

**CERTIFICATE NO.**

**1011954.2**

**CUSTOMER**

Trevira GmbH  
 Werk Bobingen  
 Max- Fischer- Strasse 11  
 86397 Bobingen  
 Germany

**CUSTOMER REF.**

**SAMPLE DETAILS**

**DATE RECEIVED**

03-Jul-09

Trevira Fibre

**METHOD: (Determination of Antibacterial Activity using Test Based on JIS L 1902)**

**DATE ANALYSED**

07-Jul-09

**DATE REPORTED**

10-Jul-09

**RESULTS (AS CFU G -1)**

SAMPLE		CONTACT TIME		LOG REDUCTION	% REDUCTION
		0	24		
Control Fabric	<i>Staph aureus</i>	1.2E+06	1.0E+06	-	-
Type 270 CS Bioactive	<i>Staph aureus</i>	4.7E+06	1.0E+02	4.0	> 99.99
Control Fabric	<i>K pneumoniae</i>	1.1E+06	2.1E+09	-	-
Type 270 CS Bioactive	<i>K pneumoniae</i>	4.4E+06	2.1E+03	6.0	99.95

The above data shows the difference in the population following contact with the surface of the samples listed for 24 hours at 35°C under a RH of > 95% relative to the Control Sample.

Bactericidal activity was detected in the Fibre Type 270 CS Bioactive against *Staph aureus* and *K pneumoniae*

The differences between the size of the populations recovered from the test material compared to the control were statistically significant.

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