

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 1041487.001

CUSTOMER

Baltink

CUSTOMER REF.

SAMPLE DETAILS

Polypropylene

DATE RECEIVED

18th January 2021

METHOD: (Determination of Antibacterial Activity using Modified ISO 22196)

DATE ANALYSED

27th January 2021

DATE REPORTED

2nd February 2021

RESULTS (AS CFU CM -2)

SAMPLE		CONTACT TIME		LOG REDUCTION	% DIFFERENCE
		0	24		
Uncoated Sample	<i>E. coli</i>	1.5E+04	1.2E+03	-	-
LABITEX UV 500 HEALTH	<i>E. coli</i>	1.5E+04	≤ 1.0	≥ 3.1	≥ 99.91
Uncoated Sample	<i>S aureus</i>	1.3E+04	1.3E+04	-	-
LABITEX UV 500 HEALTH	<i>S aureus</i>	1.3E+04	≤ 1.0	≥ 4.1	≥ 99.99

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 population.

It can be seen from the results above that the populations of *Escherichia coli* and *Staphylococcus aureus* exposed to the samples treated with LABITEX UV 500 HEALTH declined by ≥ 99.91% and ≥ 99.99% respectively to below the limit of detection compared to the populations exposed to the Uncoated Sample.

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