



Certificate of Antibacterial Analysis

CERTIFICATE NO.	BC020/2018	DATE RECEIVED	21.02.18
CUSTOMER	VERSAPAK	DATE ANALYSED	13.03.18
CUSTOMER REF.	180/102	DATE REPORTED	16.03.18

UNITS OF RESULTS	Colony Forming Units/CM ²	NO. OF PAGES	1 of 1
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Method of Analysis: Determination of Antibacterial Activity using ISO 22196: 2011

Sample	Test Organism	Contact Time		Reduction (Initial)	
		0 hrs	24 hrs	Log ₁₀	%
ICE BLUE SAMPLE MATERIAL, HIGH QUALITY/LIGHT QUALITY. PVC WITH B65003 AT 0.3%	MRSA	3.18E+05	1.00E+02	3.50	99.97%
ICE BLUE SAMPLE MATERIAL, HIGH QUALITY/LIGHT QUALITY. PVC WITH B65003 AT 0.3%	<i>E.coli</i>	2.22E+05	6.67E+02	2.52	99.70%

The above data describe the difference in the population sizes of the test organisms, relative to the initial (0 hours) population, following contact with the surface of the samples detailed in this CoA for 24 hours at 35°C under a RH of >95%. These conditions are those specified by the ISO 22196: 2011 method of analysis.

Comment: The sample ICE BLUE SAMPLE MATERIAL, HIGH QUALITY/LIGHT QUALITY. PVC WITH B65003 AT 0.3% has achieved the BioCote minimum antibacterial performance requirement of 95% "Reduction against the Initial for *E.coli* and MRSA" according to ISO 22196: 2011 analysis.

FOR BIOCOTE LTD

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