

CERTIFICATE OF ANTIBACTERIAL ANALYSIS

CERTIFICATE NO.	BC018/2021	DATE RECEIVED	02.02.2021
CUSTOMER	VOCERA	DATE ANALYSED	08.02.2021
CUSTOMER REF.	210/120-122	DATE REPORTED	11.02.2021
MANUFACTURER	TWS		
UNITS OF RESULTS	Colony Forming Units	NO. OF PAGES	1 of 1

METHOD OF ANALYSIS: Determination of Antibacterial Activity using ISO 22196: 2011

SAMPLE	TEST ORGANISM	CONTACT TIME		REDUCTION (INITIAL)	
		0 HRS	24 HRS	Log ₁₀	%
230-02150. TPU HYI-65AC WITH B65813 AT 2% (20-036)	MRSA	8.39E+04	≤100	≥2.92	≥99.88%
230-02150. TPU HYI-65AC WITH B65813 AT 2% (20-036)	<i>E. coli</i>	1.01E+05	≤100	≥3.00	≥99.90%
230-02150. TPU HYI-65AC WITH B65813 AT 2.5% (20-036)	MRSA	8.39E+04	≤100	≥2.92	≥99.88%
230-02150. TPU HYI-65AC WITH B65813 AT 2.5% (20-036)	<i>E. coli</i>	1.01E+05	≤100	≥3.00	≥99.90%
230-02150. TPU HYI-65AC WITH B65813 AT 3% (20-036)	MRSA	8.39E+04	≤100	≥2.92	≥99.88%
230-02150. TPU HYI-65AC WITH B65813 AT 3% (20-036)	<i>E. coli</i>	1.01E+05	≤100	≥3.00	≥99.90%

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 >90%. These conditions are those specified by the ISO 22196: 2011 method of analysis.

Comment: The samples 230-02150. TPU HYI-65AC WITH B65813 AT 2% (20-036), 230-02150. TPU HYI-65AC WITH B65813 AT 2.5% (20-036) and 230-02150. TPU HYI-65AC WITH B65813 AT 3% (20-036) have 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



Technical Manager

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