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CERTIFICATE OF ANTIBACTERIAL ANALYSIS

CERTIFICATE NO.	BC005/2023	**DATE RECEIVED**	21.10.2022
CUSTOMER	GAINSBOROUGH HEALTHCARE	**DATE ANALYSED**	17.01.2023
CUSTOMER REF.	220/341-342	**DATE REPORTED**	23.01.2023
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}	%
GEL COAT CONTROL	*P. aeruginosa*	1.14E+05	1.17E+06	GROWTH	GROWTH
GEL COAT WITH B85003 AT 0.3%	*P. aeruginosa*	1.14E+05	1.03E+03	2.04	99.09%

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.

The samples were kept at 65°C in deionised water for 984 hours prior to testing.

Comment: The sample GEL COAT WITH B85003 AT 0.3% has achieved the BioCote minimum antibacterial performance requirement of 95% "Reduction against the initial for *P. aeruginosa*" according to ISO 22196: 2011 analysis.

FOR BIOCOTE LTD

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