

# CERTIFICATE OF ANTIBACTERIAL ANALYSIS

<b>CERTIFICATE NO.</b>	BC124/2020	<b>DATE RECEIVED</b>	30.07.2020
<b>CUSTOMER</b>	AKZONOBEL	<b>DATE ANALYSED</b>	13.10.2020
<b>CUSTOMER REF.</b>	200/739-744	<b>DATE REPORTED</b>	16.10.2020
<b>MANUFACTURER</b>	CHINA		
<b>SAMPLE COMMENT</b>	LWR POW_314881		
<b>UNITS OF RESULTS</b>	Colony Forming Units	<b>NO. OF PAGES</b>	1 of 2

## METHOD OF ANALYSIS: DETERMINATION OF ANTIBACTERIAL ACTIVITY USING ISO 22196:2011

SAMPLE	TEST ORGANISM	CONTACT TIME		REDUCTION (INITIAL)	
		0 HRS	24 HRS	Log <sub>10</sub>	%
LWR POW_314881. INTERPON D 600AM. MATT TEXTURE WHITE AND BROWN POWDER COATING	MRSA	9.79E+04	≤100	≥2.99	≥99.90%
LWR POW_314881. INTERPON D 600AM. MATT TEXTURE WHITE AND BROWN POWDER COATING	<i>E. coli</i>	8.37E+04	≤100	≥2.92	≥99.88%
LWR POW_314881. INTERPON D 600AM. SAND TEXTURE WHITE AND BROWN POWDER COATING	MRSA	9.79E+04	≤100	≥2.99	≥99.90%
LWR POW_314881. INTERPON D 600AM. SAND TEXTURE WHITE AND BROWN POWDER COATING	<i>E. coli</i>	8.37E+04	≤100	≥2.92	≥99.88%
LWR POW_314881. INTERPON D 1010AM. MATT TEXTURE WHITE AND BROWN POWDER COATING	MRSA	9.79E+04	1.67E+02	2.77	99.83%
LWR POW_314881. INTERPON D 1010AM. MATT TEXTURE WHITE AND BROWN POWDER COATING	<i>E. coli</i>	8.37E+04	≤100	≥2.92	≥99.88%
LWR POW_314881. INTERPON D 1010AM. SAND TEXTURE WHITE AND BROWN POWDER COATING	MRSA	9.79E+04	≤100	≥2.99	≥99.90%
LWR POW_314881. INTERPON D 1010AM. SAND TEXTURE WHITE AND BROWN POWDER COATING	<i>E. coli</i>	8.37E+04	≤100	≥2.92	≥99.88%
LWR POW_314881. INTERPON D 2015AM. MATT TEXTURE WHITE AND BROWN POWDER COATING	MRSA	9.79E+04	≤100	≥2.99	≥99.90%
LWR POW_314881. INTERPON D 2015AM. MATT TEXTURE WHITE AND BROWN POWDER COATING	<i>E. coli</i>	8.37E+04	≤100	≥2.92	≥99.88%
LWR POW_314881. INTERPON D 2015AM. SAND TEXTURE WHITE AND BROWN POWDER COATING	MRSA	9.79E+04	≤100	≥2.99	≥99.90%
LWR POW_314881. INTERPON D 2015AM. SAND TEXTURE WHITE AND BROWN POWDER COATING	<i>E. coli</i>	8.37E+04	≤100	≥2.92	≥99.88%

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.

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**Technical Manager**

Megan Vaughan

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**Comment:** The samples LWR POW 314881. INTERPON D 600AM. MATT TEXTURE WHITE AND BROWN POWDER COATING, LWR POW 314881. INTERPON D 600AM. SAND TEXTURE WHITE AND BROWN POWDER COATING, LWR POW 314881. INTERPON D 1010AM. MATT TEXTURE WHITE AND BROWN POWDER COATING, LWR POW 314881. INTERPON D 1010AM. SAND TEXTURE WHITE AND BROWN POWDER COATING, LWR POW 314881. INTERPON D 2015AM. MATT TEXTURE WHITE AND BROWN POWDER COATING and LWR POW 314881. INTERPON D 2015AM. SAND TEXTURE WHITE AND BROWN POWDER COATING 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**

**Megan Vaughan**