

CERTIFICATE OF ANALYSIS

METHOD: (Determination of Antibacterial Activity using ISO 22196:2011)

CUSTOMER:

Radical Materials (Steritouch)
 Unit 10 Rassau Industrial Estate
 Ebbw Vale
 Gwent
 NP23 5SD

Certificate No: 1041434.1C
Date Received: 07-Jan-21
Date Analysed: 13-Jan-21
Date Reported: 25-Jan-21

SAMPLE DETAILS

Customer Ref: Cinkarna Celje, d.d.
Material: Powder Coat (Sample Ref: 53947)
Additive: ST1164

TEST RESULTS (AS CFU CM⁻²)

SAMPLE		CONTACT TIME (HRS)		LOG REDUCTION	% DIFFERENCE
		0	24		
IMSL Polypropylene	<i>E. coli</i>	1.1E+04	3.8E+05	-	-
Powder Coat	<i>E. coli</i>	1.1E+04	≤ 1.0	≥ 4.0	≥ 99.99%
IMSL Polypropylene	<i>S. aureus</i>	1.5E+04	1.6E+04	-	-
Powder Coat	<i>S. aureus</i>	1.5E+04	≤ 1.0	≥ 4.2	≥ 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 Initial population.

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