

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 1031051.1A

CUSTOMER

CUSTOMER REF. Ecoline

Plin Nanotechnology
12thkm Thessaloniki-Chalkidiki
57001 Thermi,
Greece

SAMPLE DETAILS

DATE RECEIVED 19-Aug-16

Formulated Paint Treated with 300ppm Ecoline Ag Silver Nanoparticles - Leached for 24 hours

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

DATE ANALYSED 27-Sep-16

DATE REPORTED 30-Sep-16

RESULTS (AS CFU CM -2)

SAMPLE	CONTACT TIME		LOG REDUCTION	% DIFFERENCE	
	0	24			
Ecoline - Control	<i>E. coli</i>	1.4E+04	5.5E+05	-	-
<h2>Contact us for more details</h2>		1.4E+04	< 1.00	≥ 5.7	≥ 99.99%
		1.4E+04	< 1.00	≥ 5.7	≥ 99.99%
		1.4E+04	< 1.00	≥ 5.7	≥ 99.99%
		1.3E+04	8.1E+03	-	-
		1.3E+04	< 1.00	≥ 3.9	≥ 99.99%
		1.3E+04	< 1.00	≥ 3.9	≥ 99.99%
		1.3E+04	< 1.00	≥ 3.9	≥ 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 control population.

NS = Poor survival on control supplied.

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