

**EKOTEKS LABORATUVAR ve GÖZETİM  
HİZMETLERİ A. Ş.**

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## TEST RESULTS

**Test Method** :ASTM E2149:2013a

<b>RESULTS</b>	
<b>Inoculum Control</b>	<b>Treated (Test) Sample</b>
<b>after specified contact time*</b>	<b>after specified contact time*</b>
4.7x10 <sup>5</sup> kob/ml	<30 kob/ml
5.67 log	-

*cfu: colony forming units*

<b>Antimicrobial Activity</b>	<b>RESULT</b>	<b>Evaluation</b>
<b>Reduction, %</b>	<b>&gt;99.99% Effective</b>	-

Mikroorganism	<i>Staphylococcus aureus</i> (ATCC 6538 (Gram(+)))
Bacterial concentration (cfu/ ml )	3x10 <sup>5</sup>
Inoculum volume	50 ml
Size of sample	1g
Number of washing	-
Washing method	-
Incubation time, temperature	24 hours, 35 °C ± 2 °C
Contact time	24 hours

R %= Reduction is calculated by the following formula;

$$\%R = \frac{(B-A)}{B} \times 100$$

A = CFU per millilitre for the flask containing the treated substrate after the specified contact time.

B= CFU per millilitre for the 'inoculum only' flask after the specified contact time.