	Test Facility	Final Report N°: STULV21AA2529-1 GLP
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RESULT

Assay Validity Criteria were satisfied.

The number of viable bacteria in the test inoculum and average number of viable bacteria recovered from each specimen (expressed as cfu/ml and cfu/cm²) and the values of U_0 , U_t and A_t , and the antibacterial activity calculated were reported in Tables below.

Assay Validity Criteria were satisfied. The number of viable bacteria in the test inoculum and average number of viable bacteria recovered from each specimen (expressed as cfu/cm²) and the values of U_0 , U_t and A_t , and the antibacterial activity calculated are reported:

Number of viable bacteria in the test inoculum

STRAIN	RESULT (cfu/ml)	Bacterial concentration Target $2,5 \times 10^5 \leq x \leq 10 \times 10^5$ cfu/ml	RESULT (cfu/0,4 ml)
S. aureus ATCC6538P	6,50E+05	Complies	2,60E+05
E. coli ATCC8739	5,90E+05	Complies	2,40E+05

Average number of viable bacteria recovered from each specimen expressed as cfu/cm² and value of U_0 , U_t and A_t calculated

STRAIN	Contact time	Specimen	Geometric mean (cfu/cm ²)	Log cfu/cm ²
S. aureus ATCC6538P	t0	Untreated (U_0)	2,32E+04	4,37
	t24	Untreated (U_{t24h})	2,58E+04	4,41
		Treated (A_{t24h})	2,30E+02	2,34
E. coli ATCC8739	t0	Untreated (U_0)	2,42E+04	4,38
	t24	Untreated (U_{t24h})	1,61E+06	6,21
		Treated (A_{t24h})	7,66E+04	4,88

Antibacterial activity calculated as Log Reduction and % Reduction

STRAIN	t (h)	Log Reduction	% Reduction
S. aureus ATCC6538P	24	2,05	99,10
E. coli ATCC8739		1,33	95,24

DEVIATION

No deviation has been recorded from Study Plan.

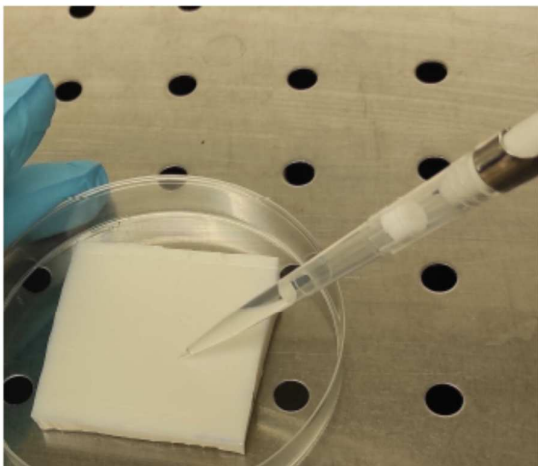
CONCLUSIONS

On the basis of obtained results, interpreted according to ISO 22196:2011, it can be stated that the "NOVACAVI AMC (ANTI MICROBIAL CABLES) with SDF Antimicrobial Additive N°6" causes >2 Log of viable reduction against *S. aureus* and causes >1 Log of viable reduction against *E. coli*, respectively, in experimental condition adopted.

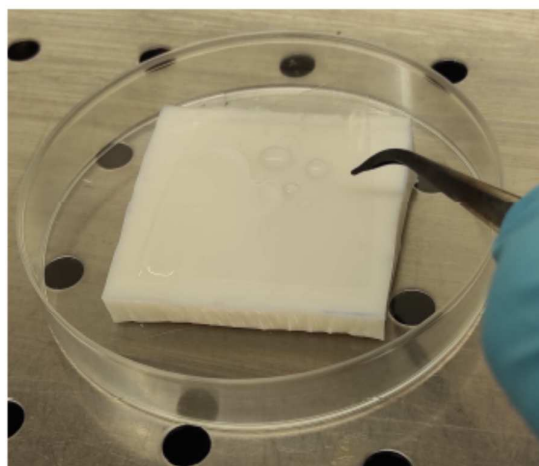
ATTACHMENT

ATTACHMENT	TITLE	NUMBER OF PAGES
#1	PHOTOGRAPHIC DOCUMENTATION OF EXPERIMENTAL PHASES	1

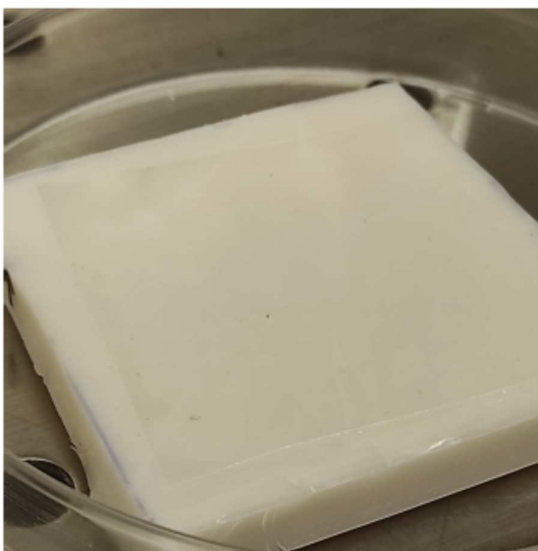
ATTACHMENT#1



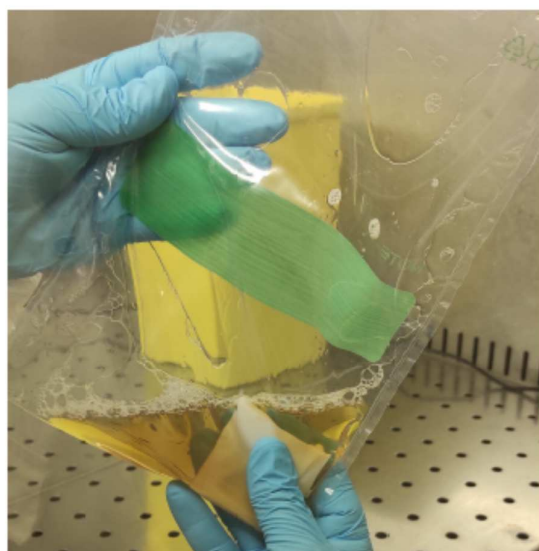
Specimen has been Inoculated with 0.4 ml of test Suspension.



Inoculum has been covered with a polyethylene 40x40 mm film.



Film have been gently pressed down in order to test inoculum spreads to, but does not leak beyond the edges of the film.



At appointed contact time, each specimen has been treated with appropriate volume of Neutralizer, ensuring to completely washed the specimens by handling appropriately.