

SPONSOR	TÜRKİYE ŞİŞE VE CAM FABRİKALARI A.Ş. İçmeler Mah., D-100 Karayolu Cad. 44A, 34947 Tuzla , İstanbul Türkiye		
TEST METHOD	ISO 22196 - Measurement of antibacterial activity on plastics and other non-porous surfaces		
TEST ITEM			
MATRIX OF THE PRODUCT	Biocides and Antimicrobials		
PRODUCT NAME	V-Block		
BATCH	Set - 1	CODE	Not Available
MANUFACTURING DATE	Not Available	EXPIRY DATE	No expiry date
STABILITY	No unstability		
MATERIAL ITEM ALIQUOT	LV-MAT-FOV7-20-307-0E11:a		
TEST REFERENCE			
PRODUCT NAME	V-Block ref.		
MATERIAL ITEM ALIQUOT	LV-MAT-FOV7-20-307-0E12:a		
PARCEL REGISTRATION N.	IP-LV-2020300-ACN	RECEIVING DATE	12/10/2020
ANALYSIS STARTING DATE	October 21 st , 2020	ANALYSIS ENDING DATE	November 3 rd , 2020
EXPERIMENTAL CONDITIONS			
TEST STRAINS	<i>Staphylococcus aureus</i> <i>Escherichia coli</i>	ATCC 6538P ATCC 8739	
CONTACT TIME	24 hours	INOCULUM VOLUME	0,4 ml
SPECIMENS SIZE	25 cm ²	COVER FILM SIZE	1600 mm ²
REAGENTS	<ul style="list-style-type: none"> - Suspension medium — 1/500 nutrient broth (1/500 NB) - Phosphate-buffered physiological saline (PBSS) - Soybean casein digest broth with lecithin and polysorbate 20 (SCDLP) - Tryptone Soy Agar (TSA) 		
ASSAY	<p>Three specimens of 5.0 × 5.0 cm square samples for each of the treated specimens provided by Sponsor and of Negative control (provided by Eurofins Biolab S.r.l.) have been prepared for each strain and time point tested (t0 and 24hours).</p> <p>Separately for each test strain, 0,4 ml of standardized culture at 2,5-10×10⁵ cells/ml has been added to the specimen then the inoculum has been covered and gently press down with a 40x40 mm film so that the test inoculum spreads to, but does not leak beyond, the edges of the film. The specimens inoculated have been incubated at 35±1°C, 90% RH.</p> <p>At t0 and after the specified contact time, viable microorganisms have been enumerated by pour plate method on TSA at 35±1°C for 44±4 hours; then bacterial colonies from each dilution series have been counted and recorded and the Logarithmic reduction of bacteria from Treated versus Negative Control samples at specified contact time has been calculated.</p>		
RESULTS	Log Reductions of viable microorganisms	24 hours	
		Log R	R%
	<i>S. aureus</i> ATCC 6538P	>5,12	>100
<i>E. coli</i> ATCC 8739	>4,91	>99,94	
CONCLUSIONS	On the basis of obtained results, can be stated that the Test Item" V-Block " has antimicrobial activity in adopted experimental conditions.		
ATTACHMENTS	//		

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Eurofins Biolab Srl – via B.Buozzi 2, Vimodrone (Milano), Italy - P.IVA / VAT Number: 007620140960
Tel: +39-022507151 – Fax: +39-0225071599 – E-mail: InfoFarma@eurofins.com

Reviewed and electronically signed for Study Technical Supervisor Approval by
Fabiana Faccioli, Employee
for Eurofins Biolab Srl, on 30-Nov-2020 15:52:41 UTC+01:00