EKOTEKS	TÜRKAK TÜRK AKREDİTASYON KURUMU TURKISH ACCREDITION AGENCY tarafından akredite edilmiş EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş. Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar İstanbul/ TÜRKİYE TEST REPORT DENEY RAPORU	Türk (A)(K) Test TS EN ISO/IEC 17025 AB-0583-T AB-0583-T 17030124- ing 08-17
Customer name:	IŞIL MÜHENDİSLİK MAK VE İNŞ SAN	TİC AŞ
Address:	YAYALAR MAH AKIN SOK NO:18/1 PE	NDİK İSTANBUL
Buyer name:	MEHMET SERDAR İŞLER	
Contact Person:	-	
Order No:	FLEXIVA HYGIENIC/ ARTIST HYGIENIC/ AIR HYGIENIC/ SKY HYGIENIC/WIND HYGIENIC	
Article No:		
Name and identity of test its The date of receipt of test it	bright blue panel	
Re-submitted/re-confirmati date:	1 -	
Date of test:	28.07.2017-04.08.2017	
Remarks:	-	
Sampling:	The results given in this report belong to the received sample by vendor.	
End-Use:	-	
Care Label:	-	
Number of pages of the repo	<i>prt:</i> 3	
	Agency (TURKAK) is signatory to the multilateral ditation (EA) and of the International Laboratory reports.	· ·
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.		
	<i>Customer Representative</i> 2017 zahide TAPAN	<i>Head of Testing Laboratory</i> Sevim A. RAZAK

This report shall not be reproduced other than in full except with the permission of the laboratory. *Testing reports without signature and seal are not valid.*

EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş.

AB-0583-T
17030124- ing
08-17

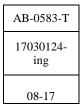
REQUIRED TESTS	RESULT	COMMENTS
MICROBIOLOGICAL TESTS		
Antibacterial Activity Determination	-	
No requirements were given		

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95 %. Tests marked (*) in this report are not included in the accreditation schedule.



This report shall not be reproduced other than in full except with the permission of the laboratory. *Testing reports without signature and seal are not valid.*

EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş.



TEST RESULTS

Test Method : ISO 22196 : 2011

Microorganism	Escherichia coli ATCC 8739 Gram (-)

Untreated (Control) Sample	Number of Bacteria (cfu/cm ²)		Logarithmic Reduction Log (cfu/cm ²)	
- · · · · · · · · · · · · · · · · · · ·	Contact time (0 h)	After incubation (24 h)	Log (Uo)	Log (Ut)
	9.25x10 ³	9.63x10 ⁴	3.97	4.98

	Number of Bacteria (cfu/cm ²)	Logarithmic Reduction Log (cfu/cm ²)
Treated (Test) Sample	After incubation (24 h)	Log (At)
	6.69x10 ²	2.83

Antibacterial Activity Value	Result	Evaluation
$R=(U_{t})-(A_{t})$	2.16	
%R	%99.3Effective	-

Inoculation volume	0,4 ml
Measuring method	Plate count method
Type of sample material	-
Size of sample	5x5 cm ²
Incubation conditions	35 ± 1 °C, 24 ± 1 h, % 90 relative humidity
Concentration of inoculum (CFU/mI)	3.6X10 ⁵

R: Antibacterial activity

 U_0 : is the logarithm of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens immediately after inoculation

 U_t : is the logarithm of the number of viable bacteria, in cells/cm², recovered from the untreated test specimens after 24 h A_t : is the logarithm of the number of viable bacteria, in cells/cm², recovered from the treated test specimens after 24 h