



EKOTEKS

TÜRKAK
TÜRK AKREDİTASYON KURUMU
TURKISH ACCREDITATION AGENCY
tarafından akredite edilmiş



Test
TS EN ISO/IEC 17025
AB-0583-T

EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.

Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE

TEST REPORT
DENEY RAPORU

AB-0583-T

17030124-
ing

08-17

Customer name: İŞİL MÜHENDİSLİK MAK VE İNŞ SAN TİC AŞ
Address: YAYALAR MAH AKIN SOK NO:18/1 PENDİK 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 item: One pair of (claimed to be ;37g/m³ Alüminyum Hijyenik Yüzey Mavi) bright blue panel
The date of receipt of test item: 28.07.2017
Re-submitted/re-confirmation date: -
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 report: 3

The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of test 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.

Seal

Date
04.08.2017

Customer Representative
zahide TAPAN

Head of Testing Laboratory
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.**

AB-0583-T
17030124- ing
08-17

TEST RESULTS

Test Method : ISO 22196 : 2011

Microorganism	<i>Escherichia coli</i> 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 (U ₀)	Log (U _t)
	9.25x10 ³	9.63x10 ⁴	3.97	4.98

Treated (Test) Sample	Number of Bacteria (cfu/cm ²)		Logarithmic Reduction Log (cfu/cm ²)	
	After incubation (24 h)		Log (A _t)	
	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/ml)	3.6X10 ⁵

R: Antibacterial activity

U₀: 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