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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

17033564

08-17

EKOTEKS

Customer name: -
Address: -
Buyer name: -
Contact Person: -
Order No: -
Article No: -
Name and identity of test item: One sample of back face ecru knit fabric coated, brown artificial leather panel.
The date of receipt of test item: 21.08.2017
Re-submitted/re-confirmation date: -
Date of test: 21.08.2017-28.08.2017
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: 4

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
28.08.2017

Customer Representative
Zahide TAPAN

Head of Testing Laboratory
Sevim A. RAZAK

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REQUIRED TESTS	RESULT	COMMENTS
MICROBIOLOGICAL TESTS		
Determination Of Antifungal Activity	-	
Antibacterial Activity	-	
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.



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TEST RESULTS

DETERMINATION OF ANTIFUNGAL ACTIVITY: AATCC 30:2013 (Test III- Agar Plate)

Zone of inhibition (mm) ⁽¹⁾	Growth of microorganisms ⁽²⁾	Result
Was not observed	Was not observed	Effective

⁽¹⁾ Inhibition area around the width of clear zone surrounding test specimen (mm)

⁽²⁾ Growth microorganisms on the fabric not observed

Microorganism	<i>Aspergillus niger</i> (ATCC 6275)
Incubation conditions	28±1°C
Incubation periods	7 days
Diameter of test specimens	3.8 cm
Culture medium	<i>Sabouraud 4 % Glucose Agar</i>

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TEST RESULTS

Test Method : ISO 22196 : 2011

Microorganism	<i>Staphylococcus aureus</i> (ATCC 6538 (Gram(+)))
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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)
	6.38x10 ³	1.04x10 ⁴	3.80	4.02

Treated (Test) Sample	Number of Bacteria (cfu/cm ²)		Logarithmic Reduction Log (cfu/cm ²)	
	After incubation (24 h)		Log (A _t)	
	N<10		log<1	

Antibacterial Activity Value	Result	Evaluation
R= (U _t)-(A _t)	R>3.22	
%R	%99.9 Effective	-

Inoculation volume	0,4 ml
Measuring method	Plate count method
Type of sample material	plastic
Size of sampl	5x5 cm ²
Incubation conditions	35 ± 1 °C, 24 ± 1 h, % 90 relative humidity
Concentration of inoculum (CFU/ml)	2.74X10 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