



SANİTER®

GIDA - ÇEVRE BİLİMİ GÖZETİM VE MÜHENDİSLİK
HİZMETLERİ TURİZM TİCARET LİMİTED ŞİRKETİ



Test
TS EN ISO/IEC 17025
AB-0009-T

ACCREDITED BY
TÜRKAK
TURKISH ACCREDITATION AGENCY

ANALYSIS REPORT

Report No : 2048518-20
The Purpose of the Analysis : SPECIAL REQUESTS
Customer Name : ARTEKYA TEKNOLOJİ LTD.ŞTİ.
Adress : TUBİTAK GEBZE YERLEŞKESİ TEKNOLOJİ SERBEST BÖLGESİ YENİ TEKNOLOJİ
BİNALARI D BLOK ZEMİN KAT GEBZE KOCAELİ

Sample's :
Serial-Batch/ Number :-
The location of sampling :-
Packing Shape/Type : NYLON PACKING
Quantity : 6 PCS
Producing Company/Brand :-
Temperature of sample :-
Ambient/delivery temperature :-
Type : A-29
Type of Material Tested : FABRIC
Specimen Size : 5x5 cm²
Covering Film :-
Incubation condition(temperature,time) : 36°C , 0-24 hour
Inoculation volume : 0.4 ml

Date of Manufacture :-
Expiration Date :-
Date Received /Arrived : 11.06.2020
Date of analysis : 16.06.2020
Date of report : 23.06.2020

AB-0009-T

2048518-20

06-20

A-29" has been detected in bactericidal effect for *Escherichia coli* according to the ISO 22196 (Measurement of antibacterial activity on plastics and other non-porous surfaces).

SAMPLE ANALYSIS RESULTS*					COMPLIANCE STATUS**
Microorganism Strain No	Inoculum Density (cfu/ml)	Cell count,time '0' untreated specimens (cfu/cm ²) (Uo)	Cell count,time '24' h' untreated specimens (cfu/cm ²) (Ut)	Cell count,time '24' h treated specimens (cfu/cm ²) (At)	
Escherichia coli ATCC 8739	2.34x10 ⁵	5.5x10 ³ (log:3.74)	1.28x10 ⁵ (log:5.10)	1.26x10 ⁴ (log:4.10)	NC

ANTIBACTERIAL ACTIVITY (R value must be bigger than 2) = $R=(U_t-U_o)-(A_t-U_o)= 1,00$

*:Accredited analysis by TURKAK.

The result of the analysis are given above.

** :Compliance Status:C:Conformed NC:Non Conformed NE:No Evaluation for not having limit value.

Cansu KOLOĞLU
Microbiology Department Chief

Yasemin AKBAYKIOĞLU
Sample Acceptance and Reporting
Department Chief

SANİTER GIDA - ÇEVRE BİLİMİ GÖZETİM VE
MÜHENDİSLİK HİZ. TURİZM TİC. LTD. ŞTİ.
Yeni Sahra Mh. Fatih Cd. No:18/20
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Tel:(0216) 470 81 48 - 470 81 49
V.D. Kozyatağı No.7440003092

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ANALYSIS REPORT

AB-0009-T

2048519-20

06-20

Report No : 2048519-20
The Purpose of the Analysis : SPECIAL REQUESTS
Customer Name : ARTEKYA TEKNOLOJİ LTD.ŞTİ.
Address : TUBİTAK GEBZE YERLEŞKESİ TEKNOLOJİ SERBEST BÖLGESİ YENİ TEKNOLOJİ
BİNALARI D BLOK ZEMİN KAT GEBZE KOCAELİ

Sample's :
Serial-Batch/ Number :-
The location of sampling :-
Packing Shape/Type : NYLON PACKING
Quantity : 6 PCS
Producing Company/Brand :-
Temperature of sample :-
Ambient/delivery temperature :-
Type : A-30
Type of Material Tested : FABRIC
Specimen Size : 5x5 cm²
Covering Film :-
Incubation condition (temperature,time) : 36°C , 0-24 hour
Inoculation volume : 0.4 ml

Date of Manufacture :-
Expiration Date :-
Date Received /Arrived : 11.06.2020
Date of analysis : 16.06.2020
Date of report : 23.06.2020

A-30" has been detected in bactericidal effect for *Escherichia coli* according to the ISO 22196 (Measurement of antibacterial activity on plastics and other non-porous surfaces).

SAMPLE ANALYSIS RESULTS*					COMPLIANCE STATUS**
Microorganism Strain No	Inoculum Density (cfu/ml)	Cell count,time '0' untreated specimens (cfu/cm ²) (Uo)	Cell count,time '24' h' untreated specimens (cfu/cm ²) (Ut)	Cell count,time '24' h treated specimens (cfu/cm ²) (At)	
<i>Escherichia coli</i> ATCC 8739	2.34x10 ⁵	5.5x10 ³ (log:3.74)	1.28x10 ⁵ (log:5.10)	1.7x10 ⁴ (log:4.22)	NC

ANTIBACTERIAL ACTIVITY (R value must be bigger than 2) = $R = (U_t - U_o) - (A_t - U_o) = 0,88$

*.Accredited analysis by TÜRKAK.

The result of the analysis are given above.

**.Compliance Status:C:Conformed NC:Non Conformed NE:No Evaluation for not having limit value.

Cansu KÖLOĞLU
Microbiology Department Chief

Yasemin AKBAYKÖĞLU
Sample Acceptance and Reporting
Department Chief

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