



SANİTER®

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



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

ANALYSIS REPORT

AB-0009-T

2086238-22

05-22

Report No : 2086238-22
Contract/Offer No : 20039-22
The Purpose of the Analysis : SANİTER SPECIAL REQUEST
Customer Name : ARTEKYA TEKNOLOJİ LTD.ŞTİ.
Adress : TUBİTAK MAM SERBEST BÖLGESİ YENİ TEKNOLOJİ BİNASI D/Z ARTEKYA TEKNOLOJİ FİRMASI GEBZE KOCAELİ

Sample's :
Serial-Batch/ Number :-
The location of sampling :-
Packing Shape/Type : PLASTIC BAG
Quantity : 1 PCS.
Producing Company/Brand :-
Temperature of sample :-
Ambient/delivery temperature :-
Type : ZR53+ANTI VRL
Type of Material Tested : METAL
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 : 25.04.2022
Date of analysis : 26.04.2022
Date of report : 05.05.2022

Operating as a test laboratory, Saniter Food- Env. Sci. Inc. has been accredited by TÜRKAK with the accreditation number AB-0009-T, according to TS EN ISO 17025-2017 standards.

The Turkish Accreditation Agency (TÜRKAK) has signed a Multilateral Agreement with the European Accreditation Association (EA) and a mutual recognition agreement with the International Laboratory Accreditation Association (ILAC) on the recognition of test reports.

The sample "ZR53+ANTI VRL" sent by you on 25/04/2022 has been tested according to 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) (U ₀)	Cell count,time '24' h' untreated specimens (cfu/cm ²) (U _t)	Cell count,time '24' h treated specimens (cfu/cm ²) (A _t)	
*Escherichia coli ATCC 8739	5.80x10 ⁵	8.87x10 ³ (log:3.95)	3.50x10 ⁵ (log:5.54)	150 (log:2.18)	C

ANTIBACTERIAL ACTIVITY (R value must be bigger than 2) = $R = (U_t - U_0) - (A_t - U_0) = 3,36$

*: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 KÖLOĞLU
Microbiology Department Chief

Yasemin AKBAYKOĞLU
Sample Acceptance and Reporting
Department Chief

Saniter GIDA - ENV. SCI. INC.
MÜHENDİSLİK VE GÖZETİM ŞİRKETİ
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Descriptions:

- 1-Any part of this analysis report in all or separately.
- 2- Analysis results are valid for the received sample.
- 3- Where necessary, uncertainty of measurement and recovery rate are given together with the analysis result, Measurement uncertainty is not considered for microbiological analysis. Measurement uncertainty is not considered for chemical and physical analysis. If the measurement uncertainty is used in the calculation; it is defined in the descriptions.
- 4-This report cannot be copied or reproduced in whole or in part without the written permission of the laboratory.
- 5-Uncertainty of measurement is calculated using K=2 in the %95 percent confidence interval.
- 6-Official analysis report are invalid without a cover letter and signature.
- 7-Special request reports are invalid unsigned.
- 8- Additional information given by the customer is indicated in the descriptions.
- 9- The results which are expressed in the descriptions about analysis without asterisk (*) are not related to the scope of accreditation.
- 10- Simple decision rule is applied in the Saniter Laboratory. Wrong rejection, wrong acceptance rule can be applied upon customer request. Saniter's decision rule is explained on the website www.saniter.com.tr.
- 11-Where necessary, statement of renounce is notified in the descriptions section with the tracking number.

END OF REPORT

Cansu KÖLOĞLU
Microbiology Department Chief

Yasemin AKBİLİKOĞLU
Sample Acceptance and Reporting
Department Chief

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