



REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND FORESTRY
RADIX PRIVATE FOOD CONTROL LABORATORY



AB-1009-T
G2026-1694 / 00
04-26

EXAMINING and ANALYSIS REPORT

Report / Revision Number : G2026-1694 / 00

Date of Incoming Letter :

Report Date : 16.04.2026

Number :

A) SAMPLE INFORMATION	
The Purpose of Analysis	: Private Request
Sample Sender	Institution / Organization : Folsan Ambalaj Folyo San.Tic.Ltd.Şti.
	Adress : Fevzi Çakmak Mah. Şehit Hasan Çiçek Sok. No:2BA 4250, KARATAY /KONYA
Sampling Record Date & Number	: Security Seal Number :
Sample	Type : 300 dn PE Foam Sheet
	Serial - Part Number : Package :
	Quantity : Production Date :
	Expiration Date : The Recommended Consumption Date :
	Manufacturer : Location :
	Date Received :
Sample Code	:
Sample Acceptance Date & Time	: 31.03.2026 11:25:19 Temperature ¹ :
Analysis Start Date	: 31.03.2026 13:50:51 End Date : 15.04.2026 12:54:53

¹ Filling maintenance for samples that should be kept in the cold chain.

Analysis	Results	LOD/LOQ	E.U. (±)	R (%)	Device	Method	Limit	Limit Source	Evaluation
1-*Specific Migration-Barium (Ba) (mg/kg)	Not Detected	/0,1		101	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 1	EC 10/2011	P
2-*Specific Migration-Cobalt (Co) (mg/kg)	Not Detected	/0,005		101	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,05	EC 10/2011	P
3-*Specific Migration-Copper (Cu) (mg/kg)	Not Detected	/0,511		100	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 5	EC 10/2011	P

Burak ALTAŞ
Chemist
Manager of Chemical
Laboratory

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Food Technician
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Güneş SOYLU
Chemist
Lab. Manager

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F.04.PR.18 RELEASE DATE: 12.04.2019
Revizyon Tarihi / No: 28.08.2025 / 12

It has been signed with electronic signature pursuant to Electronic Signature Law No 5070.

E-SIGN Confirmation Link: eimza-izmir.radixanaliz.com

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B) ANALYSIS RESULTS

Analysis	Results	LOD/LOQ	E.U. (±)	R (%)	Device	Method	Limit	Limit Source	Evaluation
4-*Specific Migration-Iron (Fe) (mg/kg)	Not Detected	/4,786		103	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 48	EC 10/2011	P
5-*Specific Migration-Lithium (Li) (mg/kg)	Not Detected	/0,1		97	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,6	EC 10/2011	P
6-*Specific Migration-Manganese (Mn) (mg/kg)	Not Detected	/0,1		103	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,6	EC 10/2011	P
7-*Specific Migration-Zinc (Zn) (mg/kg)	0,62	/0,44	0,06	103	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 5	EC 10/2011	P
8-*Specific Migration-Aluminium (Al) (mg/kg)	Not Detected	/0,1		99	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 1		P
9-*Specific Migration-Nickel (Ni) (mg/kg)	Not Detected	/0,009		92	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,02	EC 10/2011	P
10-*Specific Migration-Antimony (Sb) (mg/kg)	Not Detected	/0,004		97	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,04	EC 10/2011	P
11-*Specific Migration-Arsenic (As) (mg/kg)	Not Detected	/0,002		107	ICP-MS	ISO 17294-1, ISO 17294-2	Not Detected	EC 10/2011	P
12-*Specific Migration-Europium (Eu) (mg/kg)	Not Detected	/0,004		98	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,05	EC 10/2011	P
13-*Specific Migration-Gadolinium (Gd) (mg/kg)	Not Detected	/0,004		101	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,05	EC 10/2011	P
14-*Specific Migration-Cadmium (Cd) (mg/kg)	Not Detected	/0,002		107	ICP-MS	ISO 17294-1, ISO 17294-2	Not Detected	EC 10/2011	P
15-*Specific Migration-Chromium (Cr) (mg/kg)	Not Detected	/0,002		99	ICP-MS	ISO 17294-1, ISO 17294-2	Not Detected	EC 10/2011	P
16-*Specific Migration-Lead (Pb) (mg/kg)	Not Detected	/0,002		102	ICP-MS	ISO 17294-1, ISO 17294-2	Not Detected	EC 10/2011	P
17-*Specific Migration-Lanthanum (La) (mg/kg)	Not Detected	/0,004		97	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,05	EC 10/2011	P
18-*Specific Migration-Mercury (Hg) (mg/kg)	Not Detected	/0,002		100	ICP-MS	ISO 17294-1, ISO 17294-2	Not Detected	EC 10/2011	P
19-*Specific Migration-Terbium (Tb) (mg/kg)	Not Detected	/0,01		99	ICP-MS	ISO 17294-1, ISO 17294-2	Maximum 0,05	EC 10/2011	P

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B) ANALYSIS RESULTS

Analysis	Results	LOD/LOQ	E.U. (±)	R (%)	Device	Method	Limit	Limit Source	Evaluation
20-*Structure Determination	Polyethylene	/			FT-IR	FT-IR Kütüphanesi			NI
21-*Analysis of Total Migration in Evaporable Food Simulants Method 1- Full Immersion Method Food Simulant A ⁽¹⁾ (mg/dm ²)	Not Detected	/2				TS EN 1186-1,TS EN 1186-3 Metot 1	Maximum 10	TFC Notification of Plastic Substance and Material Contact with Food	P
22-*Analysis of Total Migration in Evaporable Food Simulants (Full Immersion Method 95% Ethanol) ⁽¹⁾ (mg/dm ²)	5,78	/2	0,81			TS EN 1186-1,TS EN 1186-3 Metot 1	Maximum 10	TFC Notification of Plastic Substance and Material Contact with Food	P
23-*Analysis of Total Migration in Evaporable Food Simulants Method 1- Full Immersion Method Food Simulant B ⁽¹⁾ (mg/dm ²)	Not Detected	/2				TS EN 1186-1,TS EN 1186-3 Metot 1	Maximum 10	TFC Notification of Plastic Substance and Material Contact with Food	P
24-*Analysis of Total Migration in Evaporable Food Simulants (Full Immersion Method Food Simultaneous Isooctane) ⁽²⁾ (mg/dm ²)	7,32	/2	0,79			TS EN 1186-1,TS EN 1186-3 Metot 1	Maximum 10	TFC Notification of Plastic Substance and Material Contact with Food	P

ABBREVIATION

E:Evaluation P:Pass F:Fail N.I: Not Interpreted R:Recovery E.U:Expanded Uncertainty LOD/LOQ:Limit of Detection/Limit of Quantification R.L:Reporting Limit O.G:Official Gazette (R.G.) TFC:Turkish Food Codex F.B:Disclaimer

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EXPLANATION/OPINION/COMMENT/RULE OF DECISION/DISCLAIMER

- Gıda ve Yemin Resmi Kontrol (Bakanlık) numunelerinde "Resmi Numune Alma Prosedürü" veya ilgili mevzuatta belirtilen karar kuralı kullanılmaktadır.

1. Conditions: 40°C, 10 days. ☐1

2. Conditions: 20°C, 2 days. ☐2

EVALUATION

Spesifik Migrasyon Koşulları:

40°C10 gün

Gıda Benzeri B (%3'lük asetik asit)

WARNINGS

1. The laboratory has no responsibility for sampling. The analysis results are valid for the above-mentioned sample and for the condition when the sample is received. As a result of the examination and analysis, the above-mentioned values were determined.
2. The customer's information in this report has been declared by the customer. Our laboratory is not responsible for any losses/legal obligations that may occur due to the accuracy and use of this information.
3. No part of the analysis report can be used alone or separately, and may not be partially copied or reproduced without the written permission of the laboratory.
4. This report cannot be used for judicial-administrative and advertising purposes. Unsigned, unsealed, without cover letter for official samples, reports are invalid.
5. The declared expanded uncertainty of measurement does not include sampling, it is the value found by multiplying the standard uncertainty with the extension coefficient taken as k=2 and provides 95% confidence.
6. Radix Private Food Control Laboratory, operating as an experimental laboratory, has been accredited by TÜRKAK with the accreditation number AB-1009-T, according to the TS EN ISO/IEC 17025 standard. The Turkish Accreditation Agency (TÜRKAK) has signed a Multilateral Agreement with the European Accreditation Association (EA) and a mutual recognition agreement with the International Accreditation Association (ILAC) on the recognition of test reports. Analyzes marked with * are within the scope of accreditation.
7. In results where a recovery rate is provided, the result has been adjusted according to the specified recovery value.
8. If a waiver statement provided and approved by the customer is present, the laboratory is not responsible for the validity of the results that may be affected due to the sample not meeting the sample acceptance criteria (such as packaging, temperature, quantity, etc.).
9. For the analysis results marked with "#" in this report, the evaluation does not fully cover the residue definition.

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