

PPWR 2025/40 Chemical Compliance Declaration

Product Scope:

Aluminum foil intended to be used in food-contact packaging applications.

Regulatory Reference:

Regulation (EU) 2025/40 of the European Parliament and of the Council on packaging and packaging waste.

Declaration:

- We, ASAŞ Alüminyum Sanayi ve Ticaret A.Ş., hereby declare that the food-contact intended aluminum foil materials intended for food contact and the packaging materials used for their transport and protection, supplied by our company comply with the applicable chemical substance restriction requirements of Regulation (EU) 2025/40, based on the current product composition, manufacturing process, supplier information, and available representative test reports.
- This declaration confirms that the supplied materials comply with the following requirements:

1. PFAS Restrictions

- Based on supplier documentations current and representative PFAS test results, the supplied food-contact intended aluminum foil materials intended for food contact and the packaging materials used for their transport and protection, comply with the concentration limits established under Regulation (EU) 2025/40 for PFAS in food-contact packaging.
- The tested materials comply with the following PFAS-related limits:
- Any individual PFAS substance measured by targeted PFAS analysis:** less than **25 ppb / 25 µg/kg**
- Sum of PFAS substances measured by targeted PFAS analysis:** less than **250 ppb / 250 µg/kg**
- PFAS, including polymeric PFAS / total fluorine-related assessment where applicable:** less than **50 ppm / 50 mg/kg**
- ASAŞ Alüminyum further confirms that PFAS substances are not intentionally added during the manufacture of the declared aluminum foil materials intended for food contact and the packaging materials used for their transport and protection.

2. Heavy Metals

- Based on current and representative heavy metal test results, ASAŞ Alüminyum confirms that the sum of concentration levels of:

The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium does not exceed 100 mg/kg. in the supplied food-contact intended aluminum foil materials and Transport and Protective Packaging materials supplied by ASAŞ.

ASAŞ Alüminyum Sanayi ve Ticaret A.Ş.

Headquarters

Rüzgarlı Bahçe Mah., Kumlu Sok., No: 2
ASAŞ İş Merkezi, 34810, Kavacık
Beykoz-İstanbul, Turkey
T +90 216 680 02 02 F +90 216 680 29 82
asastr.com

Aluminium Flat Rolled Products

Production Facility

Yazılıgürgen Mah., Fabrikalar Cad., No: 50
54400 Karapürçek - Sakarya, Turkey
T +90 264 645 00 12 F +90 264 407 10 40

ASAŞ Aluminum confirms, based on current product composition, production processes, supplier information and available representative test reports, that for aluminum foil products falling within the scope of Regulation (EU) 2025/40, and for the transport and protective packaging materials specified below used for protection, support, handling, storage and transport:

Packaging Materials;

Plastic film ("Nylon"), material ID 18003471;

Cardboard, material ID 18000821;

Cardboard spoll, material ID 13005601; and

Polyester strapping, material ID 18000950,

Heat-treated wooden pallet material ID 13005904,

The chemical compliance assessment is based on the declarations, technical information and/or representative test reports provided by the relevant suppliers.

This declaration has been prepared based on the supplier declarations, supporting technical documentation, representative test reports and internal records available to ASAŞ Alüminyum Sanayi ve Ticaret A.Ş. at the date of issue.

This declaration is valid for the declared food-contact intended aluminum foil materials and Transport and Protective Packaging materials supplied by ASAŞ Alüminyum, provided that there are no changes in raw materials, coatings, surface treatments, manufacturing process, or intended application that may affect chemical compliance.




ASAŞ ALÜMİNYUM
SANAYİ VE TİCARET A.Ş.
Rüspenbeye ASAŞ İş Mh. Kavacık
34810 - Beykoz / İSTANBUL
Tic. Sic. No: 265472 - 216035
Tic. Sic. No: 265472 - 216035

Harun KARAUL

ASAŞ Quality System Specialist

ASAŞ Alüminyum Sanayi ve Ticaret A.Ş.

Headquarters

Rüzgarlı Bahçe Mah., Kumlu Sok., No: 2
ASAŞ İş Merkezi, 34810, Kavacık
Beykoz-İstanbul, Turkey
T +90 216 680 02 02 F +90 216 680 29 82
asastr.com

Aluminium Flat Rolled Products

Production Facility

Yazılıgürge Mah., Fabrikalar Cad., No: 50
54400 Karapürçek - Sakarya, Turkey
T +90 264 645 00 12 F +90 264 407 10 40

TEST REPORT

TR12323498

24.02.2023



EUROLAB LABORATUVAR A.Ş.



Overall Rating / Test Sonucu :

PASS / GEÇER

Report No/ Rapor No :

2023240214

Applicant/Deney Sahibi :

ASAŞ ALÜMİNYUM A.Ş.

Applicant Address / Adres :

Rüzgarlı Bahçe ASAP İş Hanı 34400 Kavacık / İSTANBUL

Contact Person / Yetkili :

HÜSEYİN MÜŞTAK

Contact Telephone / Telefon :

0 264 462 47 92

Contact e-mail / E-Posta :

huseyin.mustak@asastr.com

Sample Accepted on / Numune Tarihi :

10.02.2023

Report Date / Rapor Tarihi :

24.02.2023

Total number of pages/Rapor Sayfa :

3 (Pg)

Sample ID :

ALÜMİNYUM FOLYO 8006

ALÜMİNYUM FOLYO 8202

	TEST	METOT	SONUÇ
-	PFOS-PFOA Analysis	LCMS-MS	SEE TABLE

NOTE: This test result replaces the conformity assessment, can be presented to official institutions, and used in products and brochures.



Seal

Customer Representative

Merve Nur KIRVELİ

Laboratory Manager

Merve ÖZLÜ

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01)" conveyed to us from the Applicant. Test results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of EUROLAB Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "*" are in the Scope of our Accreditation Certificate issued from UAF according to TS EN ISO/IEC 17020, 17025, Analysis as indicated with "***" are performed at the external laboratories using accredited test methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting N° to related pages. Tested and remaining samples will be kept in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values. Measurement Uncertainty values are not taken in consideration during Pass/Fail assessment the of test results shown in this Report. Evaluation of the test results using Measurement Uncertainty values is the responsibility of the Applicant.

PR33-F01/08.10.2015/Rev:17.01.2017-R01

Page 1 / 3

Adress: Merkez Mh, Dr Sadık Ahmet Cd, No 38/44, Bağcılar, İstanbul, Türkiye
Contact: www.laboratuvar.com e-mail: info@laboratuvar.com

Analysis was performed by LCMS/MS.

Test Results

Sample: ALÜMİNYUM FOLYO 8006

Compound Name	CAS No	MDL	Unit	Result
Perfluorooctanoic acid (PFOA)	335-67-1	5	ppb	N.D
Perfluorooctane sulfonates (PFOS)	1763-23-1	5	ppb	N.D
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	5	ppb	N.D
N-methylperfluoro-1 octanesulfonamide(MeFOSA)	31506-32-8	5	ppb	N.D
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	5	ppb	N.D
2-(N-methylperfluoro-1-octanesulfonamido) -ethanol(MeFOSE).	24448-09-7	5	ppb	N.D
2-(N-ethylperfluoro-1-octanesulfonamido) -ethanol(EtFOSE)	1691-99-2	5	ppb	N.D
Perfluorooctane sulfonates (PFOS) and its derivatives	-	5	ppb	N.D
PFOA related substances	-	5	ppb	N.D
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTS)	39108-34-4	5	ppb	N.D
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	5	ppb	N.D
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	5	ppb	N.D
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	5	ppb	N.D
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	5	ppb	N.D
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	5	ppb	N.D
Perfluoro-1-iodooctane (PFOI)	507-63-1	5	ppb	N.D

ppm: mg/L

1. MDL= Method Detection Limit
2. N.D. = Not Detected

Sample: ALÜMİNYUM FOLYO 8202

Compound Name	CAS No	MDL	Unit	Result
Perfluorooctanoic acid (PFOA)	335-67-1	5	ppb	N.D
Perfluorooctane sulfonates (PFOS)	1763-23-1	5	ppb	N.D
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	5	ppb	N.D
N-methylperfluoro-1 octanesulfonamide(MeFOSA)	31506-32-8	5	ppb	N.D
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	5	ppb	N.D
2-(N-methylperfluoro-1-octanesulfonamido) -ethanol(MeFOSE).	24448-09-7	5	ppb	N.D
2-(N-ethylperfluoro-1-octanesulfonamido) -ethanol(EtFOSE)	1691-99-2	5	ppb	N.D
Perfluorooctane sulfonates (PFOS) and its derivatives	-	5	ppb	N.D
PFOA related substances	-	5	ppb	N.D
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTS)	39108-34-4	5	ppb	N.D
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	5	ppb	N.D
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	5	ppb	N.D
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	5	ppb	N.D
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	5	ppb	N.D
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	5	ppb	N.D
Perfluoro-1-iodooctane (PFOI)	507-63-1	5	ppb	N.D

ppm: mg/L

1. MDL= Method Detection Limit
2. N.D. = Not Detected

End Of Report

TEST REPORT

Page 1 of 5

REPORT NUMBER : TURT250043058

DATE: 18 April, 2025

APPLICANT: Asaş Alüminyum San. Tic. A.Ş.

ADDRESS: Yazılıgürge Mah. Fabrikalar Cad. No: 50 Karapürçek/Sakarya
Tel: 0535 950 92 62

Attention: Hüseyin Müştak (huseyin.mustak@asastr.com)

SAMPLE DESCRIPTION : One sample of Foil Sheet (8006)

DATE IN : 17 April, 2025 (12:01)

DATE OUT : 18 April, 2025

REQUEST : Rohs Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

NOTE : Test result were taken from TURT250020178 by the request of the applicant.

CONCLUSION :

Testing Item	Conclusion
Sample	PASS

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party, nor could it be used for PR activities. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule. Unless otherwise specified, all Pass or Fail results are given without uncertainty considered. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Tests marked (*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory. Intertek accredited by TÜRKAK under registration number [AB-0716-T] for [TS EN ISO IEC 17025] as test laboratory. Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Melis EVCİ
Customer Care Executive

Emre ÇALIK
Chemical Laboratory Manager

Intertek Test Hizmetleri A.Ş.

Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY

Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55

e-mail : intertekcg.turkiye@intertek.com

www.intertek-turkey.com



250043058

RESULTS

Page 2 of 5

REPORT :TURT250043058

18 April, 2025

(A) TEST RESULT SUMMARY ACCORDING TO IEC 62321

TESTING ITEM	RESULT
	Sample
Cadmium (Cd) Content	ND
Chromium VI (Cr+6) Content (ppm) (for non metal)	NA
Chromium VI (Cr+6) Content (µg/cm ²) (for metal)	ND
Lead (Pb) Content	ND
Mercury (Hg) Content	ND
Flame Retardants	
Polybrominated Biphenyls (PBB)	NA
Monobromobiphenyl (MonoBB)	NA
Dibromobiphenyl (DiBB)	NA
Tribromobiphenyl (TriBB)	NA
Tetrabromobiphenyl (TetraBB)	NA
Pentabromobiphenyl (PentaBB)	NA
Hexabromobiphenyl (HexaBB)	NA
Heptabromobiphenyl (HeptaBB)	NA
Octabromobiphenyl (OctaBB)	NA
Nonabromobiphenyl (NonaBB)	NA
Decabromobiphenyl (DecaBB)	NA
Polybrominated Diphenyl Ethers (PBDE)	NA
Monobromodiphenyl Ether (MonoBDE)	NA
Dibromodiphenyl Ether (DiBDE)	NA
Tribromodiphenyl Ether (TriBDE)	NA
Tetrabromodiphenyl Ether (TetraBDE)	NA
Pentabromodiphenyl Ether (PentaBDE)	NA
Hexabromodiphenyl Ether (HexaBDE)	NA
Heptabromodiphenyl Ether (HeptaBDE)	NA
Octabromodiphenyl Ether (OctaBDE)	NA
Nonabromodiphenyl Ether (NonaBDE)	NA
Decabromodiphenyl Ether (DecaBDE)	NA
Phthalates	
Dibutyl Phthalate (DBP)	NA
Diethyl Hexyl Phthalate (DEHP)	NA
Benzyl Butyl Phthalate (BBP)	NA
Diisobutyl Phthalate (DIBP)	NA

Remarks : ppm=Parts per million based on dry weight of sample
µg/cm²=Microgram per square centimetre
mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
ND =Not detected NA =Not applicable NR =Not requested
**According to RoHS directive, Lead (Pb) RoHS Limit for steel item is 3500 ppm (0.35%)

RESULTS

Page 3 of 5

REPORT :TURT250043058

18 April, 2025

B) REQUIREMENT:

SUBSTANCE	LIMITS
Cadmium (Cd) Content	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non metal)	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) for metal)	Colorimetric result < 0.10 $\mu\text{g}/\text{cm}^2$ $\geq 0.10 \mu\text{g}/\text{cm}^2$ and $\leq 0.13 \mu\text{g}/\text{cm}^2$ > 0.13 $\mu\text{g}/\text{cm}^2$ Qualitative Result Negative Inconclusive Positive
Lead (Pb) Content	0.1 % (1000 ppm)
Mercury (Hg) Content	0.1 % (1000 ppm)
Flame Retardants	0.1 % (1000 ppm)
Dibutyl Phthalate (DBP)	0.1 % (1000 ppm)
Diethyl Hexyl Phthalate (DEHP)	0.1 % (1000 ppm)
Benzyl Butyl Phthalate (BBP)	0.1 % (1000 ppm)
Diisobutyl Phthalate (DIBP)	0.1 % (1000 ppm)

RESULTS

Page 4 of 5

REPORT :TURT250043058

18 April, 2025

(C) TEST METHOD :

Testing Item	Testing Method	Reporting Limit	Uncertainty
Cadmium (Cd) Content	With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES	Plastic : 10 ppm Metal : 4 ppm Ceramic : 5 ppm	
Lead (Pb) Content	With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES	Plastic : 10 ppm Metal : 4 ppm Ceramic : 5 ppm	Metal-Pb&Cd&Cr:±13% Metal-Hg:±12% Plastic:±9% Ceramic/Glass:±10% Carton:±7%
Mercury (Hg) Content	With reference to IEC 62321-4:2013/AMD1:2017,by microwave or acid digestion and determined by ICP-OES	Plastic : 10 ppm Metal : 10 ppm Ceramic : 5 ppm	
Chromium VI (Cr6+) (For non-metal)	With reference to IEC 62321-7-2:2017, by alkaline digestion and determined by UV-VIS spectrophotometer	Plastic : 25 ppm (PVC based) /8.33 ppm (other)	Plastic-PVC ±12% Plastic-PP ±5% Ceramic/Glass ±5% Carton:±11%
Chromium VI (Cr6+) (For metal)	With reference to IEC 62321-7-1:2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.1 ppm with 50 cm ² (IN TESTING SOLUTION)	±13%
PBBs/PBDEs	With reference to IEC 62321-6:2015,by solvent extraction and determined by GC/MS and HPLC	5 ppm	±15%
Phthalates	With reference to IEC 62321-8 (111/321/CD), by solvent extraction and determined by GC-MS.	50 ppm	±16%

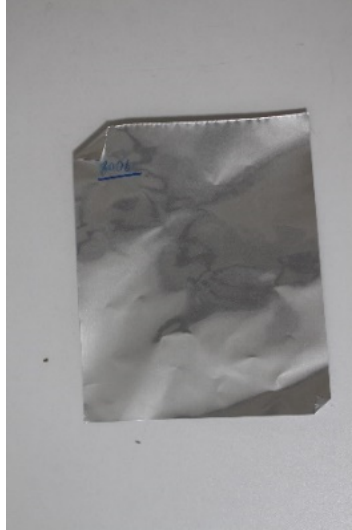
RESULTS

Page 5 of 5

REPORT :TURT250043058

18 April, 2025

SAMPLE PHOTO



END OF TEST REPORT

TEST REPORT

Page 1 of 5

REPORT NUMBER : TURT250043059

DATE: 18 April, 2025

APPLICANT: Asaş Alüminyum San. Tic. A.Ş.

ADDRESS: Yazılıgürge Mah. Fabrikalar Cad. No: 50 Karapürçek/Sakarya
Tel: 0535 950 92 62

Attention: Hüseyin Müştak (huseyin.mustak@asastr.com)

SAMPLE DESCRIPTION : One sample of Foil Sheet (8202)

DATE IN : 17 April, 2025 (12:01)

DATE OUT : 18 April, 2025

REQUEST : Rohs Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

NOTE : Test result were taken from TURT250020178 by the request of the applicant.

CONCLUSION :

Testing Item	Conclusion
Sample	PASS

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party, nor could it be used for PR activities. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>. Testing reports without signature are not valid. The sample has been provided by the customer and the results apply to the sample as received. Sample information is supplied by the customer. Unless otherwise requested, this laboratory applies shared risk decision rule. Unless otherwise specified, all Pass or Fail results are given without uncertainty considered. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Tests marked (*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory. Intertek accredited by TÜRKAK under registration number [AB-0716-T] for [TS EN ISO IEC 17025] as test laboratory. Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Melis EVCİ
Customer Care Executive

Emre ÇALIK
Chemical Laboratory Manager

Intertek Test Hizmetleri A.Ş.

Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY

Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55

e-mail : intertekcg.turkiye@intertek.com

www.intertek-turkey.com



250043059

RESULTS

Page 2 of 5

REPORT :TURT250043059

18 April, 2025

(A) TEST RESULT SUMMARY ACCORDING TO IEC 62321

TESTING ITEM	RESULT
	Sample
Cadmium (Cd) Content	ND
Chromium VI (Cr+6) Content (ppm) (for non metal)	NA
Chromium VI (Cr+6) Content (µg/cm ²) (for metal)	ND
Lead (Pb) Content	ND
Mercury (Hg) Content	ND
Flame Retardants	
Polybrominated Biphenyls (PBB)	NA
Monobromobiphenyl (MonoBB)	NA
Dibromobiphenyl (DiBB)	NA
Tribromobiphenyl (TriBB)	NA
Tetrabromobiphenyl (TetraBB)	NA
Pentabromobiphenyl (PentaBB)	NA
Hexabromobiphenyl (HexaBB)	NA
Heptabromobiphenyl (HeptaBB)	NA
Octabromobiphenyl (OctaBB)	NA
Nonabromobiphenyl (NonaBB)	NA
Decabromobiphenyl (DecaBB)	NA
Polybrominated Diphenyl Ethers (PBDE)	NA
Monobromodiphenyl Ether (MonoBDE)	NA
Dibromodiphenyl Ether (DiBDE)	NA
Tribromodiphenyl Ether (TriBDE)	NA
Tetrabromodiphenyl Ether (TetraBDE)	NA
Pentabromodiphenyl Ether (PentaBDE)	NA
Hexabromodiphenyl Ether (HexaBDE)	NA
Heptabromodiphenyl Ether (HeptaBDE)	NA
Octabromodiphenyl Ether (OctaBDE)	NA
Nonabromodiphenyl Ether (NonaBDE)	NA
Decabromodiphenyl Ether (DecaBDE)	NA
Phthalates	
Dibutyl Phthalate (DBP)	NA
Diethyl Hexyl Phthalate (DEHP)	NA
Benzyl Butyl Phthalate (BBP)	NA
Diisobutyl Phthalate (DIBP)	NA

Remarks : ppm=Parts per million based on dry weight of sample
µg/cm²=Microgram per square centimetre
mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
ND =Not detected NA =Not applicable NR =Not requested
**According to RoHS directive, Lead (Pb) RoHS Limit for steel item is 3500 ppm (0.35%)

RESULTS

Page 3 of 5

REPORT :TURT250043059

18 April, 2025

B) REQUIREMENT:

SUBSTANCE	LIMITS
Cadmium (Cd) Content	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non metal)	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content ($\mu\text{g}/\text{cm}^2$) for metal)	Colorimetric result < 0.10 $\mu\text{g}/\text{cm}^2$ $\geq 0.10 \mu\text{g}/\text{cm}^2$ and $\leq 0.13 \mu\text{g}/\text{cm}^2$ > 0.13 $\mu\text{g}/\text{cm}^2$ Qualitative Result Negative Inconclusive Positive
Lead (Pb) Content	0.1 % (1000 ppm)
Mercury (Hg) Content	0.1 % (1000 ppm)
Flame Retardants	0.1 % (1000 ppm)
Dibutyl Phthalate (DBP)	0.1 % (1000 ppm)
Diethyl Hexyl Phthalate (DEHP)	0.1 % (1000 ppm)
Benzyl Butyl Phthalate (BBP)	0.1 % (1000 ppm)
Diisobutyl Phthalate (DIBP)	0.1 % (1000 ppm)

RESULTS

Page 4 of 5

REPORT :TURT250043059

18 April, 2025

(C) TEST METHOD :

Testing Item	Testing Method	Reporting Limit	Uncertainty
Cadmium (Cd) Content	With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES	Plastic : 10 ppm Metal : 4 ppm Ceramic : 5 ppm	
Lead (Pb) Content	With reference to IEC 62321-5:2013,by microwave or acid digestion and determined by ICP-OES	Plastic : 10 ppm Metal : 4 ppm Ceramic : 5 ppm	Metal-Pb&Cd&Cr:±13% Metal-Hg:±12% Plastic:±9% Ceramic/Glass:±10% Carton:±7%
Mercury (Hg) Content	With reference to IEC 62321-4:2013/AMD1:2017,by microwave or acid digestion and determined by ICP-OES	Plastic : 10 ppm Metal : 10 ppm Ceramic : 5 ppm	
Chromium VI (Cr6+) (For non-metal)	With reference to IEC 62321-7-2:2017, by alkaline digestion and determined by UV-VIS spectrophotometer	Plastic : 25 ppm (PVC based) /8.33 ppm (other)	Plastic-PVC ±12% Plastic-PP ±5% Ceramic/Glass ±5% Carton:±11%
Chromium VI (Cr6+) (For metal)	With reference to IEC 62321-7-1:2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.1 ppm with 50 cm ² (IN TESTING SOLUTION)	±13%
PBBs/PBDEs	With reference to IEC 62321-6:2015,by solvent extraction and determined by GC/MS and HPLC	5 ppm	±15%
Phthalates	With reference to IEC 62321-8 (111/321/CD), by solvent extraction and determined by GC-MS.	50 ppm	±16%

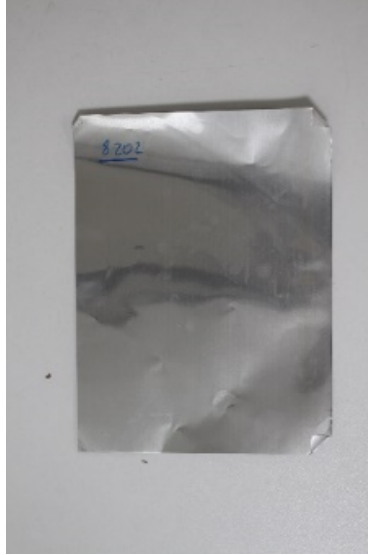
RESULTS

Page 5 of 5

REPORT :TURT250043059

18 April, 2025

SAMPLE PHOTO



END OF TEST REPORT

ASAŞ ALÜMİNYUM SAN. VE TİC. A. Ş.,

According to the technical assessment provided by Eurofins Laboratories in Hangzhou and Shanghai, total fluoride analysis requires a combustion-based testing method to convert fluorine-containing compounds into measurable species. Since metallic materials are non-combustible, the combustion process cannot be properly applied, making total fluoride testing unsuitable for metallic samples. Therefore, this analysis cannot be performed on metal-based materials.

Yours sincerely,

27.07.2026



**EUROFINS TURKEY GIDA
ANALİZ HOLDİNG A.Ş.**
Aydınevler Mah. Sapdıyı Cad. No:32 Kat:2 Daire:3
ETS Plaza/EOfisMaltepe/İSTANBUL
Kucukyalı V.D. - 381 107 1869

TEST REPORT

Job No./Report No TR2819656 Date: 24 June 2026 Page 1 of 28

VETAŞ PLASTİK VE AMBALAJ SAN. A.Ş.

GAZİOSMANPAŞA OSB. MAH. 3. CAD. NO: 3/A ÇERKEZKÖY/TEKİRDAĞ

TEL: 444 34 59

To the attention of Nigar Şen

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	POLETİLEN TORBA / POLYETHYLENE BAG

Client's reference No. : TR 2819656
Color : TRANSPARENT
Reference No. : SAMPLE 1
Manufacturer : VETAŞ PLASTİK VE AMBALAJ SAN. A.Ş.
Sample Receiving Date : 16 June 2026
Test Performing Period : 16 June 2026~24 June 2026

Overall Conclusion : PASS

Test Results : Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 2 of 28

Test Parameters	Result
Chemical tests	A1
Total Fluorine Content	M
Heavy Metals (EU Packaging Directive 94/62/EC)	M
Per- and Polyfluoroalkyl Substances (PFAS)	M

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

The test results relate to the tested items only.

Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

FERRUH ŞENER
Customer Services Team Leader

Bora Şirinbilek
Hardline C&PC Testing Services Manager

Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	POLETİLEN TORBA / POLYETHYLENE BAG	A1	Main	Plastic	Transparent

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 3 of 28

Total Fluorine Content¹

Test Method: With reference to DIN EN 14582:2016 - Analysis by Ion Chromatography

Result(s) (mg/kg)

F (Fluorine) CAS-No. 7782-41-4

A1

n.d.

Conclusion**Pass**

Note:

n.d. = not detected

Reporting Limit = 20 mg/kg

Requirement = 50 mg/kg*

Remark= *: According to Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC

European Directive 94/62/EC – Total Lead, Cadmium, Mercury and Hexavalent Chromium content¹

Test Method : SGS In House Test Method CTSL-SOP-RSTS-CHEM-108-2 Digestion by Microwave System - Analysis by ICP-OES/ ICP-MS

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Hexavalent Chromium (Cr(VI))	ND*	5	--
Total	ND	--	100
Comment	PASS	--	--

Note :

1. mg/kg = milligram per kilogram

2. ND = Not Detected

3. * = The result of Hexavalent chromium (Cr(VI)) is considered as "Not Detected" since the total chromium content determined by acid digestion is "Not Detected".

4. # = Chromium (Cr(VI)) content confirmation test was applied due to over limit of Chromium Content.

Remark: *: According to Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.



AB-0690-T

TR2819656

06-26

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 4 of 28

Per- and Polyfluoroalkyl Substances (PFAS)

Test Method: With reference to EN ISO 23702-1:2023 with modification on sample extraction. Analysis was conducted by HPLC-MS/MS and GC-MS.

Test result per sample mass unit			Result
	CAS-No.	Reporting Limit mg/kg	A1
PFOS, its salts			
Perfluorooctanesulfonic acid (PFOS), its salts [#]	1763-23-1	0.01	n.d.
PFOS-related substances			
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	0.10	n.d.
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	0.10	n.d.
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	0.10	n.d.
2-(N-ethylperfluorooctanesulfamido)ethyl acrylate (EtFOSAC)	423-82-5	0.20	n.d.
2-(N-methylperfluoro- 1-octanesulfonamido) -ethanol (N-MeFOSE)	24448-09-7	0.10	n.d.
Perfluorooctane sulfonamide (PFOSA), its salts [#]	754-91-6	0.10	n.d.
Perfluorooctane sulfonamidoacetic Acid (FOSAA), its salts [#]	2806-24-8	0.10	n.d.
N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA), its salts [#]	2355-31-9	0.10	n.d.
N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA), its salts [#]	2991-50-6	0.10	n.d.
Perfluoro-1-octanesulfonyl fluoride (PFOS-F) / Perfluorooctane sulfonic anhydride (PFOSAN) ⁺	307-35-7/ 423-92-7	0.10	n.d.
Sum of PFOS-related substances	--	--	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 5 of 28

Test result per sample mass unit			Result
	CAS-No.	Reporting Limit mg/kg	A1
PFOA, its salts			
Perfluorooctanoic acid (PFOA), its salts [#]	335-67-1	0.01	n.d.
PFOA-related substances			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts [#] @	39108-34-4	0.10	n.d.
Methyl perfluorooctanoate (Me-PFOA); Ethyl perfluorooctanoate (Et-PFOA) ^	376-27-2 / 3108-24-5	0.20	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) @	27905-45-9	0.20	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) @	1996-88-9	0.20	n.d.
Perfluoro-1-iodooctane (PFOI)	507-63-1	0.20	n.d.
2H,2H Perfluorodecane Acid (8:2 FTCA) @, its salts [#]	27854-31-5	0.10	n.d.
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH) @	678-39-7	0.10	n.d.
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI) @	2043-53-0	0.20	n.d.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃) @	101947-16-4	0.20	n.d.
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hepta decafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts [#] @	678-41-1	0.10	n.d.
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts [#] @	34598-33-9	0.10	n.d.
1H,1H,2H-Heptadecafluoro-1-decene (PFDE) @	21652-58-4	0.20	n.d.
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	0.10	n.d.
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃) / 1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃) ^,@	78560-44-8/ 83048-65-1	0.20	n.d.
2H-Perfluoro-2-decenoic acid (8:2 FTUCA) @	70887-84-2	0.10	n.d.
6:8 Perfluorophosphinic acid (6:8 PFPi) §	610800-34-5	0.10	n.d.
8:8 Perfluorophosphinic acid (8:8 PFPi) its salts [#]	40143-79-1	0.10	n.d.
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc) @	37858-04-1	0.20	n.d.
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts [#] @	57678-03-2	0.10	n.d.
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH) @	865-86-1	0.10	n.d.
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH) @	39239-77-5	0.10	n.d.
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts [#] @	120226-60-0	0.10	n.d.
10:2 Fluorotelomerphosphatediester (10:2 diPAP),	1895-26-7	0.10	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.



AB-0690-T

TR2819656

06-26

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 6 of 28

its salts# @			
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA) @	70887-94-4	0.10	n.d.
2-Perfluorodecyl ethanoic acid (10:2 FTCA) @	53826-13-4	0.10	n.d.
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc) @	37858-05-2	0.20	n.d.
10:2 Fluortelomerphosphatemonoester (10:2 monoPAP), its salts#	57678-05-4	0.20	n.d.
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) @	17741-60-5	0.20	n.d.
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA) @	2144-54-9	0.20	n.d.
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI) @	2043-54-1	0.20	n.d.
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI) @	30046-31-2	0.20	n.d.
Perfluorodecyl iodide (PFDI) @	423-62-1	0.20	n.d.
Perfluorododecyl iodide (PFDoDI) @	307-60-8	0.20	n.d.
Perfluorooctanoyl fluoride (PFOA-F) / Perfluorooctanoic Anhydride +	335-66-0 / 33496-48-9	0.10	n.d.
Sum of PFOA-related substances	--	--	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 7 of 28

Test result per sample mass unit			Result
	CAS-No.	Reporting Limit mg/kg	A1
C9-C14 PFCA, its salts			
Perfluorononane Acid (PFNA), its salts [#]	375-95-1	0.01	n.d.
Perfluorodecane Acid (PFDA), its salts [#]	335-76-2	0.01	n.d.
Perfluoroundecanoic Acid (PFUnDA), its salts [#]	2058-94-8	0.01	n.d.
Perfluorododecanoic Acid (PFDoDA), its salts [#]	307-55-1	0.01	n.d.
Perfluorotridecanoic Acid (PFTrDA), its salts [#]	72629-94-8	0.01	n.d.
Perfluorotetradecanoic Acid (PFTDA), its salts [#]	376-06-7	0.01	n.d.
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	0.01	n.d.
Sum of C9-C14 PFCA, its salts	--	--	n.d.
C9-C14 PFCA-related substances			
Perfluorodecane sulfonic Acid (PFDS), its salts [#]	335-77-3	0.10	n.d.
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH) [@]	865-86-1	0.10	n.d.
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) [@]	17741-60-5	0.20	n.d.
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA) [@]	2144-54-9	0.20	n.d.
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH) [@]	39239-77-5	0.10	n.d.
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts [#] [@]	120226-60-0	0.10	n.d.
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI) [@]	2043-54-1	0.20	n.d.
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI) [@]	30046-31-2	0.20	n.d.
Perfluorononane sulfonic acid (PFNS), its salts [#]	68259-12-1	0.10	n.d.
Perfluoroundecane sulfonic acid (PFUnDS), its salts [#]	749786-16-1	0.10	n.d.
Perfluorododecane sulfonic acid (PFDoDS), its salts [#]	79780-39-5	0.10	n.d.
Perfluorotridecane sulfonic acid (PFTrDS), its salts [#]	791563-89-8	0.10	n.d.
10:2 Fluortelomerphosphatediester (10:2 diPAP), its salts [#] [@]	1895-26-7	0.10	n.d.
Perfluorodecyl iodide (PFDI) [@]	423-62-1	0.20	n.d.
Perfluorododecyl iodide (PFDoDI) [@]	307-60-8	0.20	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 8 of 28

2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA) @	70887-94-4	0.10	n.d.
2-Perfluorodecyl ethanoic acid (10:2 FTCA) @	53826-13-4	0.10	n.d.
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc) @	37858-05-2	0.20	n.d.
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts # @	39108-34-4	0.10	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) @	27905-45-9	0.20	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) @	1996-88-9	0.20	n.d.
2H,2H Perfluorodecane Acid (8:2 FTCA), its salts # @	27854-31-5	0.10	n.d.
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH) @	678-39-7	0.10	n.d.
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI) @	2043-53-0	0.20	n.d.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃) @	101947-16-4	0.20	n.d.
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hepta decafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts # @	678-41-1	0.10	n.d.
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts # @	34598-33-9	0.10	n.d.
1H,1H,2H-Heptadecafluoro-1-decene (PFDE) @	21652-58-4	0.20	n.d.
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃) / 1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃) ^^ @	78560-44-8/ 83048-65-1	0.20	n.d.
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc) @	37858-04-1	0.20	n.d.
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts # @	57678-03-2	0.10	n.d.
10:2 Fluorotelomerphosphatemonoester (10:2 monoPAP), its salts # @	57678-05-4	0.20	n.d.
2H-Perfluoro-2-decenoic acid (8:2 FTUCA) @	70887-84-2	0.10	n.d.
Sum of C9-C14-related substances	-	-	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 9 of 28

Test result per sample mass unit			Result
	CAS-No.	Reporting Limit mg/kg	A1
PFHxS, its salts			
Perfluorohexanesulfonic acid (PFHxS), its salts [#]	355-46-4	0.01	n.d.
PFHxS-related substances			
N-Methylperfluoro-1-hexane sulfonamide (N-MeFHxSA)	68259-15-4	0.10	n.d.
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	0.10	n.d.
N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	0.10	n.d.
N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide (Et-FHxSE)	34455-03-3	0.20	n.d.
2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA)	67584-57-0	0.20	n.d.
2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl) sulfonyl]amino]ethyl ester (MeFHxSEMA)	67584-61-6	0.20	n.d.
2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl) sulfonyl]amino]ethyl ester (EtFHxSEMA)	67906-70-1	0.20	n.d.
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-(MeFHxSE)	68555-75-9	0.10	n.d.
Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl) sulfonyl]- (EtFHxSAA), its salts [#]	68957-32-4	0.10	n.d.
Perfluorohexylsulfonyl fluoride (PFHxS-F) / Perfluorohexylsulfonyl chloride (PFHxS-Cl) +	423-50-7 / 55591-23-6	0.10	n.d.
Sum of PFHxS-related compounds substances	--	--	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 10 of 28

Test result per sample mass unit			Result
	CAS-No.	Reporting Limit mg/kg	A1
PFHxA, its salts			
Perfluorohexane Acid (PFHxA), its salts [#]	307-24-4	0.01	n.d.
PFHxA-related substances			
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.10	n.d.
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	0.20	n.d.
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	0.20	n.d.
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.20	n.d.
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTS), its salts [#]	27619-97-2	0.10	n.d.
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC2H5)3)	51851-37-7	0.50	n.d.
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl3) /1H,1H,2H,2H-Perfluorooctyltrimethoxysilane (6:2 FTSi(OCH3)3) ^^	78560-45-9/ 85857-16-5	0.20	n.d.
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	0.20	n.d.
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	0.20	n.d.
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	0.10	n.d.
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	0.20	n.d.
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts [#]	57678-01-0	0.10	n.d.
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	0.10	n.d.
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	0.20	n.d.
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe2Cl)	102488-47-1	0.20	n.d.
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	0.20	n.d.
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	0.20	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 11 of 28

Perfluorohexyl ethylphosphonic acid (6:2 FTPA) , its salts [#]	252237-40-4	0.10	n.d.
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	0.20	n.d.
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	0.20	n.d.
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	0.20	n.d.
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	0.20	n.d.
1-(perfluorohexyl)octane (F6H8)	133331-77-8	0.20	n.d.
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	0.20	n.d.
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	0.20	n.d.
6:6 Perfluorophosphinic acid (6:6 PFPi), its salts [#]	40143-77-9	0.10	n.d.
6:8 Perfluorophosphinic acid (6:8 PFPi) §	610800-34-5	0.10	n.d.
2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	0.10	n.d.
3-Perfluoropentyl propanoic acid (5:3 FTCA), its salts [#]	914637-49-3	0.10	n.d.
n-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl) iodoacetamide	852527-50-5	0.10	n.d.
Perfluoroheptanamide (PFHpA-NH ₂)	2358-22-7	0.20	n.d.
6:2 Fluorotelomer phosphate diester (6:2 diPAP), its salts [#]	57677-95-9	0.10	n.d.
Perfluorohexanoyl fluoride (PFHxA-F) / Perfluorohexanoic anhydride / Perfluorohexanoyl chloride (PFHxA-Cl) +	355-38-4 / 308-13-4/ 335-53-5	0.10	n.d.
Sum of PFHxA-related substances	--	--	n.d.
Conclusion	--	--	PASS

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 12 of 28

Test result per sample mass unit			Result
	CAS-No.	Reporting Limit mg/kg	A1
Other PFAS substances			
Perfluorobutane acid (PFBA), its salts [#]	375-22-4	1.0	n.d.
Perfluorobutanesulfonic acid (PFBS), its salts [#]	375-73-5	1.0	n.d.
Perfluoropentane acid (PFPeA), its salts [#]	2706-90-3	1.0	n.d.
Perfluoroheptane acid (PFHpA), its salts [#]	375-85-9	1.0	n.d.
Perfluoroheptanesulfonic acid (PFHpS), its salts [#]	375-92-8	1.0	n.d.
7H-Dodecanefluoroheptane acid (HPFHpA), its salts [#]	1546-95-8	1.0	n.d.
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	1.0	n.d.
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (HFPO-DA), its salts&isomers&derivatives [#]	13252-13-6	1.0	n.d.
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 FTS),its salts [#]	757124-72-4	1.0	n.d.
Perfluoropentane sulfonic acid (PFPeS), its salts [#]	2706-91-4	1.0	n.d.
Hexadecanoic acid, hentriacontafuoro- (PFHxDA), its salts [#]	67905-19-5	1.0	n.d.
Octadecanoic acid, pentatriacontafuoro- (PFODA), its salts [#]	16517-11-6	1.0	n.d.
4,8-Dioxa-3H-perfluorononanoic acid (ADONA), its salts [#]	919005-14-4	1.0	n.d.
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	1.0	n.d.
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	1.0	n.d.
Nonafuoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	1.0	n.d.
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS), its salts [#]	756426-58-1	1.0	n.d.
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS), its salts [#]	763051-92-9	1.0	n.d.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA) , its salts [#]	113507-82-7	1.0	n.d.
3-Perfluoropropyl propanoic acid (3:3 FTCA) , its salts [#]	356-02-5	1.0	n.d.
Perfluoropentadecanoic Acid (PFPeDA), its salts [#]	141074-63-7	1.0	n.d.
1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	1.0	n.d.
Perfluorobutane sulfon amides (PFBSA)	30334-69-1	1.0	n.d.
1,1,2,2,3,3,4,4,4-Nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulfonamide	34454-97-2	1.0	n.d.
11H-Perfluoroundecanoic acid (11H-PFUnDA), its salts [#]	1765-48-6	1.0	n.d.
Pentafluoropropionic acid (PFPrA), its salts [#]	422-64-0	1.0	n.d.
Hexafluoropropylene oxide trimer acid (HFPO-TA), its salts [#]	13252-14-7	1.0	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 13 of 28

Perfluoroethane sulfonic acid (PFETs) , its salts [#]	354-88-1	1.0	n.d.
Bis(trifluoromethane)sulfonimide (TFSI) its salts [#]	82113-65-3	1.0	n.d.
Trifluoromethane sulfonic acid (TFMS) , its salts [#]	1493-13-6	1.0	n.d.
Perfluoropropate sulfonic acid (PFPrS), its salts [#]	423-41-6	1.0	n.d.
1-pefluoroheptyl ethanol (7:2 secondary) (7:2sFTOH)	24015-83-6	1.0	n.d.
4:2 Fluorotelomer iodide (4:2 FTI)	2043-55-2	1.0	n.d.
Perfluoroheptane-1-sulfinic acid (PFHpSi), its salts [#]	769067-51-8	1.0	n.d.
Perfluorooctylphosphoic acid (PFOPA), its salts [#]	40143-78-0	1.0	n.d.
1H,1H-Perfluorooctylamine (7:1 FTNH2)	307-29-9	1.0	n.d.
Perfluorobutyramide (PFBA-NH2)	662-50-0	1.0	n.d.
1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA)	52591-27-2	1.0	n.d.
N-methylperfluoro-1-butanefulfonamide (MeFBSA)	68298-12-4	1.0	n.d.
Trifluoroacetic acid (TFA) , its salts [#]	76-05-1	1.0	n.d.
Conclusion	--	--	INFO only
Sum of PFAS	--	--	n.d.
Overall Conclusion	--	--	PASS

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 14 of 28

Note:

n.d. = not detected

® PFAS classified as both PFOA-related substances and C9-C14 PFCA-related substances

§ PFAS classified as both PFOA-related substances and PFHxA-related substances

^ As the extraction is performed with Methanol, EtPFOA will convert to MePFOA. Thus, the sum of both is considered and calculated.

^^ 8:2 FTSiCl₃ cannot be analytically distinguished from 8:2 FTSi(OCH₃)₃ with current method. Thus, the sum of both is considered and calculated. The same is applied to (6:2 FTSiCl₃) and 6:2 FTSi(OCH₃)₃.

+ These PFAS substances will be reported as their acid forms because of the possible conversion in the test conditions.

Salts or derivatives of the substance are listed in Appendix 1

* = Exceeds the limit

Requirement:

PFOS, its salts 25 ppb (0.025 mg/kg)

PFOS-related substances 1 mg/kg (total)

Reference to Regulation (EU) 2025/718 amending Part A to Annex I to Regulation (EU) 2019/1021

PFOA, its salts 25 ppb (0.025 mg/kg)

PFOA-related substances 1 mg/kg (each or total)

Reference to Regulation (EU) 2020/784 amending Annex I to Regulation (EU) 2019/1021; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

C9-C14 PFCA, their salts 25 ppb (0.025 mg/kg) (total)

C9-C14 PFCA-related substances 260 ppb (0.26 mg/kg) (total)

Reference to commission regulation (EU) 2021/1297 amending Annex XVII to Regulation (EC) 1907/2006 and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

PFHxS, its salts 25 ppb (0.025 mg/kg)

PFHxS-related substances 1 mg/kg (each or total)

Reference to Regulation (EU) 2023/1608 amending Annex I to Regulation (EU) 2019/1021; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

PFHxA, its salts 25 ppb (0.025 mg/kg) (total)

PFHxA-related substances 1 mg/kg (total)

Reference to Regulation (EU) 2024/2462 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council as regards undecafluorohexanoic acid (PFHxA), its salts and PFHxA-related substances.

PFAS (polymeric PFAS excluded) 25 ppb (0.025 mg/kg)

Sum of PFAS (targeted PFAS analysis, where applicable with prior degradation of precursors, polymeric PFAS excluded) 250 ppb (0.25 mg/kg)

Reference to Regulation (EU) 2025/40 on packaging and packaging waste.

Other PFAS Information only

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT Job No./Report No TR2819656 Date: 24 June 2026 Page 15 of 28**Appendix 1 – List of individual PFAS, its salts and derivatives**

Note: The listed salts/derivatives are analyzed through their corresponding PFAS.

Substances	CAS No.	Substances	CAS No.
PFOA, its salts & derivatives			
Perfluorooctanoic Acid (PFOA)	335-67-1	Pentadecafluorooctanoate (anion)	45285-51-6
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	Perfluorooctanoic Anhydride	33496-48-9
Potassium perfluorooctanoate (PFOA-K)	2395-00-8	N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9
Lithium perfluorooctanoate (PFOA-Li)	17125-58-5	Perfluorooctanoate	32609-65-7
Silver perfluorooctanoate (PFOA-Ag)	335-93-3	N,N,N-Trimethylmethanaminium	277749-00-5
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	Tetrapropylammonium perfluorooctanoate	98065-31-7
Ammonium perfluorooctanoate (APFO)	3825-26-1	Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H ₂ O) ₂)	1376936-03-6
Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N)	95658-47-2
Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C ₅ H ₅ N)	1514-68-7
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium (PFOA-Cr ³⁺)	68141-02-6	Pentadecafluorooctanoic acid-1-phenylpiperazine(1:1) (PFOA-C ₁₀ H ₁₄ N ₂)	927835-01-6
Pentadecafluorooctanoic acid—piperazine (PFOA-NH(C ₄ H ₁₀ N))	423-52-9	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate	
8:2 FTCA, its salts			
2H,2H Perfluorodecane Acid (8:2 FTCA)	27854-31-5	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7
PFOS, its salts & derivatives			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C ₄ H ₉) ₄)	111873-33-7
Potassium perfluorooctane sulfonate (PFOS-K)	2795-39-3	Perfluorooctanesulfonate	45298-90-6
Sodium perfluorooctane sulfonate (PFOS-Na)	4021-47-0	Triethylammonium perfluorooctane sulfonate (PFOS-NH(C ₂ H ₅) ₃)	54439-46-2
Lithium perfluorooctane sulfonate (PFOS-Li)	29457-72-5	Tetramethylammonium perfluorooctane sulfonate (PFOS-N(CH ₃) ₄)	56773-44-5
Ammonium perfluorooctane sulfonate (PFOS-NH ₄)	29081-56-9	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C ₃ H ₇) ₃ (C ₅ H ₁₁))	56773-56-9
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH ₂ (C ₂ H ₄ OH) ₂)	70225-14-8	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C ₄ H ₉) ₃ (CH ₃))	124472-68-0
Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄) / PFOS-TEA	56773-42-3	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)	213740-80-8
Didecyl dimethyl ammonium perfluorooctane sulfonate (PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂)	251099-16-8	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate	258341-99-0
Magnesium bis(heptadecafluoro octanesulphonate) (PFOS-Mg)	91036-71-4	1-Hexadecylpyridinium perfluoro-1-octanesulfonate	334529-63-4
Perfluoro-1-octanesulfonyl fluoride (PFOS-F)	307-35-7	N,N,N-Triethyldecane-1-aminium	773895-92-4

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 16 of 28

Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6	heptadecafluorooctane-1-sulfonate Tetrabutylphosphonium perfluorooctane sulfonate	2185049-59-4
Perfluorooctanesulfonic acid diethylamine salt (PFOS-C ₄ H ₁₁ N)	2205029-08-7	Heptyldimethyl{2-[(2-methylprop-2-enyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-C ₁₅ H ₃₀ NO ₂)	1203998-97-3
Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7		
PFNA, its salts & derivatives			
Perfluorononane Acid (PFNA)	375-95-1	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) (PFNA-N(C ₄ H ₁₁))	77032-27-0
Sodium heptadecafluorononanoate (PFNA-Na)	21049-39-8	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-N(C ₂ H ₇))	77032-24-7
Perfluorononanoate ammonium salt (PFNA-NH ₄)	4149-60-4	Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-N(C ₆ H ₁₅))	327176-80-7
Potassium perfluorononanoate (PFNA-K)	21049-38-7	Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-N(C ₅ H ₁₁))	95682-66-9
Lithium perfluorononanoate (PFNA-Li)	60871-92-3	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-N(C ₆ H ₇))	95682-67-0
Silver perfluorononanoate (PFNA-Ag)	7358-16-9	Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-N(C ₆ H ₁₃))	328531-06-2
Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6	Perfluorononanoate (anion)	72007-68-2
4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-33-0	Perfluorononanoic anhydride (PFNAA)	228407-54-3
PFDA, its salts			
Perfluorodecane Acid (PFDA)	335-76-2	Silver perfluorodecanoate (PFDA-Ag)	5784-82-7
Sodium nonadecafluorodecanoate (PFDA-Na)	3830-45-3	Lithium perfluorodecanoate (PFDA-Li)	84743-32-8
Perfluorodecanoate ammonium salt (PFDA-NH ₄)	3108-42-7	Perfluorodecanoate (anion)	73829-36-4
Potassium perfluorodecanoate (PFDA-K)	51604-85-4	Perfluorodecanoic anhydride (PFDA)	942199-24-8
PFUnDA, its salts			
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8
Sodium perfluoroundecanoate (PFUnDA-Na)	60871-96-7	Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2
Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5	Perfluoroundecanoate (anion)	196859-54-8
PFDODA, its salts			
Perfluorododecanoic Acid (PFDODA)	307-55-1		
Ammonium tricosafafluorododecanoate (PFDODA-NH ₄)	3793-74-6	Perfluorododecanoate (anion)	171978-95-3
PFDS, its salts & derivatives			
Perfluorodecane sulfonic Acid (PFDS)	335-77-3	Perfluorodecanesulfonic acid ammonium salt	67906-42-7

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 17 of 28

		(PFDS-NH ₄)	
Sodium perfluorodecanesulfonate (PFDS-Na)	2806-15-7	Perfluorodecane sulfonate (anion)	126105-34-8
Potassium perfluorodecanesulfonate (PFDS-K)	2806-16-8	Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0
8:3 FTCA, its salts			
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA)	34598-33-9	2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)	67304-23-8
Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1		
PFHxS, its salts & derivatives			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	Bis(4-tert-butylphenyl)iodanium tridecafluorohexane-1-sulfonate	213740-81-9
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt (PFHxS-Na)	82382-12-5	Bis(4-methylphenyl)(phenyl)sulfonium tridecafluorohexane-1-sulfonate	341548-85-4
Potassium perfluorohexane-1-sulphonate (PFHxS-K)	3871-99-6	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with perfluorohexanesulfonic acid (1:2)	421555-73-9
Perfluorohexane Sulfonic acid, lithium salt (PFHxS-Li)	55120-77-9	Perfluorohexanesulfonic acid, Gallium(3+) salt (3:1) (PFHxS-Ga)	341035-71-0
Perfluorohexane Sulfonic acid, ammonium salt (PFHxS-NH ₄)	68259-08-5	Perfluorohexanesulfonic acid, Scandium(3+) salt (3:1) (PFHxS-Sc)	350836-93-0
Benzyltriphenylphosphonium tridecafluorohexane-1-sulfonate (PFHxS-BTPP)	1000597-52-3	Perfluorohexanesulfonic acid, Neodymium(3+) salt (3:1) (PFHxS-Nd)	41184-65-0
N,N,N-Tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	108427-54-9	Perfluorohexanesulfonic acid, Yttrium(3+) salt (3:1) (PFHxS-Y)	41242-12-0
Tetraethylammonium perfluorohexane sulfonate	108427-55-0	Cesium perfluorohexanesulfonate (PFHxS-Cs)	92011-17-1
Tridecafluorohexane-1-sulfonic acid-pyrrolidine	1187817-57-7	Perfluorohexanesulfonic acid, Zinc salt (PFHxS-Zn)	70136-72-0
4-[[4-(Diethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-diethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-24-0	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, perfluorohexanesulfonate (1:1)	421555-74-0
4-[[4-(Dimethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-27-3	Tris(4-tert-butylphenyl)sulfonium tridecafluorohexane-1-sulfonate	425670-70-8
4-[[4-(Dimethylamino)phenyl][4-(phenylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-28-4	Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	1329995-45-0	Triethylammonium perfluorohexane sulfonate	72033-41-1
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	1329995-69-8	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with perfluorohexanesulfonic acid (1:1)	866621-50-3
Triphenylsulfonium tridecafluorohexane-1-sulfonate (TPS-PFHxS)	144116-10-9	(4-Methylphenyl)diphenylsulfonium tridecafluorohexane-1-sulfonate	910606-39-2
1-(Carboxymethyl)-4-(2-{4-[4-(2,2-diphenylethyl)phenyl]-1H,2H,3H,3aH,4H,8bH-cyclopenta[b]indol-7-yl}ethenyl)quinolin-1-ium	1462414-59-0	{4-[(2-Methylprop-2-enoyl)oxy]phenyl}diphenylsulfonium tridecafluorohexane-1-sulfonate	911027-68-4

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 18 of 28

tridecafluorohexane-1-sulfonate			
Diphenyliodonium tridecafluorohexane-1-sulfonate	153443-35-7	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopenta decinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13- hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexane sulfonate (1:1)	928049-42-7
Tetramethylammonium perfluorohexane sulfonate (PFHxS-TMA)	189274-31-5	Perfluorohexylsulfonfyl fluoride (PFHxS-F)	423-50-7
Tert-butylazanium;1,1,2,2,3,3,4,4,5,5,6,6,6-tride cafluorohexane-1-sulfonate	202189-84-2	Perfluorohexylsulfonfyl chloride (PFHxS-Cl)	55591-23-6
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl) oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexane sulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5	Perfluorohexane sulfonate (anion)	108427-53-8
Tetrabutylphosphonium perfluorohexane sulfonate	2310194-12-6		
PFHxA, its salts & derivatives			
Perfluorohexane Acid (PFHxA)	307-24-4	Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8
Ammonium perfluorohexanoate (APFHx)	21615-47-4	Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4
Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4	Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl)	423-47-2
Potassium perfluorohexanoate (PFHxA-K)	3109-94-2	Perfluorohexanoic anhydride	308-13-4
Silver perfluorohexanoate (PFHxA-Ag)	336-02-7	Perfluorohexanoate (anion)	92612-52-7
Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5	Undecafluorohexanoic acid--hexan-1-amine (1/1) (PFHxA-C6H15N)	565225-91-4
1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid (PFHxA-C10H14N2)	985-60-4		
PFBA, its salts			
Perfluorobutane Acid (PFBA)	375-22-4	Silver perfluorobutanoate (PFBA-Ag)	3794-64-7
Sodium perfluorobutanoate (PFBA-Na)	2218-54-4	Lithium perfluorobutanoate (PFBA-Li)	4146-76-3
Potassium heptafluorobutanoate (PFBA-K)	2966-54-3	Butanoic acid, heptafluoro-, compd. with piperazine (2:1) (9Cl)	375-04-2
Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0	Perfluorobutanoate (anion)	45048-62-2
PFBS, its salts & derivatives			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	425670-64-0
Potassium perfluorobutanesulfonate (PFBS-K)	29420-49-3	Thiophenium, tetrahydro-1-(1-methyl-1H-indol-3-yl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	867373-18-0
Perfluorobutane sulfonic acid hydrate	59933-66-3	Pyridinium, 1-ethyl-3-methyl-,	1015420-87-7

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.



AB-0690-T

TR2819656

06-26

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 19 of 28

(PFBS-H ₂ O)		1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	
Sodium perfluorobutanefluorobutanesulfonate (PFBS-Na)	60453-92-1	1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	905972-83-0
Lithium perfluorobutanefluorobutanesulfonate (PFBS-Li)	131651-65-5	1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	1001557-05-6
Ammonium perfluorobutanefluorobutanesulfonate (PFBS-NH ₄)	68259-10-9	2-Propanaminium, N,N-dimethyl-N-(1-methylethyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	374571-81-0
Magnesium perfluorobutanefluorobutanesulfonate (PFBS-Mg)	507453-86-3	Sulfonium, [4-[2-(1,1-dimethylethoxy)-2-oxoethoxy]phenyl] diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	857285-80-4
Triphenylsulfonium perfluorobutanefluorobutanesulfonate (TPS-PFBS)	144317-44-2	1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	124472-66-8
Tetrabutyl-phosphonium perfluorobutanefluorobutanesulfonate	220689-12-3	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1)	502457-69-4
N,N,N,-Triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4	1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	56773-55-8
N-Morpholinium perfluorobutanefluorobutanesulfonate	503155-89-3	Perfluorobutanefluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄)	25628-17-5
Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanefluorobutanesulfonate	194999-85-4	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride	36913-91-4
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-18-2	Perfluorobutane sulfonate (anion)	45187-15-3
Perfluorobutanefluorobutanesulfonyl fluoride (PFBS-F)	375-72-4	1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	EC: 468-770-4
Perfluorobutanefluorobutanesulphonyl chloride (PFBS-Cl)	2991-84-6	Triethylammonium perfluorobutane sulfonate	182059-38-7
Sulfonium, dimethylphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	220133-51-7	N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanefluorobutanesulfonate (1:1)	334529-55-4
Thiophenium, 1-(4-butoxy-1-naphthalenyl)tetrahydro-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	209482-18-8	1-Hexadecylpyridinium perfluoro-1-butanefluorobutanesulfonate	334529-62-3
1-Butanaminium, N,N,N-tributyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1) Tetrabutylammonium nonafluorobutanefluorobutanesulfonate	108427-52-7	1-Butylpyridinium perfluoro-1-butanefluorobutanesulfonate	334529-64-5
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	194999-82-1	N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanefluorobutanesulfonate	495417-51-1
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)	241806-75-7	Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanefluorobutanesulfonic acid (1:1)	722538-68-3

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 20 of 28

PFPeA, its salts & derivatives			
Perfluoropentane Acid (PFPeA)	2706-90-3	Lithium perfluoropentanoate (PFPeA-Li)	198482-22-3
Sodium perfluoropentanoate (PFPeA-Na)	2706-89-0	Silver perfluoropentanoate (PFPeA-Ag)	2795-30-4
Potassium perfluoropentanoate (PFPeA-K)	336-23-2	Perfluoropentanoate	45167-47-3
Ammonium perfluoropentanoate (PFPeA-NH ₄)	68259-11-0	Nonafluoropentanoic acid - 1-benzylthiourea (1:1) (PFPeA-C8H10N2S)	64808-55-5
Perfluoropentanoic anhydride (PFPeAA)	308-28-1		
PFHpA, its salts			
Perfluoroheptane Acid (PFHpA)	375-85-9	Caesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6
Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5	Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5
Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5	Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1
Ammonium perfluoroheptanoate (PFHpA-NH ₄)	6130-43-4	Perfluoroheptanoate (anion)	120885-29-2
PFHpS, its salts & derivatives			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	70225-15-9
Sodium perfluoroheptanesulfonate (PFHpS-Na)	21934-50-9	Perfluoroheptane sulfonate	146689-46-5
Potassium perfluoroheptanesulfonate (PFHpS-K)	60270-55-5	Triethylammonium perfluoroheptane sulfonate	72033-40-0
Ammonium perfluoroheptanesulfonate (PFHpS-NH ₄)	68259-07-4	Tetraethylammonium perfluoroheptane sulfonate	439863-97-5
Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9	Perfluoroheptane sulfonic anhydride (PFHpSA)	140429-92-1
HFPO-DA, its salts & derivatives & isomers			
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (HFPO-DA)	13252-13-6	Perfluoro(2-propoxypropanoate)	122499-17-6
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)- (isomer)	75579-39-4	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)prop anoic acid--N-propylpropan-1-amine (1/1)	165951-17-7
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)- (isomer)	75579-40-7	Triethylammonium perfluoro-2-propoxypropanoate	165951-18-8
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, ammonium salt (HFPO-DA-NH ₄)	62037-80-3	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propa noate	298703-31-8
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio nate (HFPO-DA-K)	67118-55-2	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionyl fluoride (HFPO-DA-F)	2062-98-8
Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propa noate	67963-75-1	2,3,6-Triiodobenzoic acid (1-methyl-3-piperidinyl)methyl ester compd. with perfluoro-2-(propoxy)propanoate (1:1) (HFPO-C14H16I3NO2)	2412106-69-3
PFPeS, its salts & derivatives			
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,4,5,5,5-undecafluoropentane-1-sul phonate	70225-17-1
Sodium perfluoropentanesulfonate (PFPeS-Na)	630402-22-1	Undecafluoropentane-1-sulfonic acid lithium salt (PFPeS-Li)	1046864-81-6
Potassium perfluoropentane-1-sulphonate (PFPeS-K)	3872-25-1	Perfluoropentane sulfonate anion)	175905-36-9

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 21 of 28

Ammonium perfluoropentanesulfonate (PFPeS-NH ₄)	68259-09-6	Triethylammonium perfluoropentane sulfonate	72033-42-2
Perfluoropentane sulfonic anhydride (PFPeSA)	161877-72-1		
PFNS, its salts			
Perfluorononane sulfonic acid (PFNS)	68259-12-1	Ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4
Sodium perfluorononanesulfonate (PFNS-Na)	98789-57-2	Perfluorononane sulfonate (anion)	474511-07-4
Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5		
PFUnDS, its salts			
Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1	Perfluoroundecanesulfonate (anion)	441296-91-9
PFDods, its salts			
Perfluorododecane sulfonic acid (PFDods)	79780-39-5	Potassium perfluorododecanesulfonate (PFDods-K)	85187-17-3
Sodium perfluorododecanesulfonate (PFDods-Na)	1260224-54-1	Perfluorododecane sulfonate (anion)	343629-43-6
PFTrDS, its salts			
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	Sodium perfluorotridecanesulfonate (PFTrDS-Na)	174675-49-1
8:2 diPAP, its salts			
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2 diPAP)	678-41-1	Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2diPAP-NH ₄)	93776-20-6
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na)	114519-85-6	8:2 Fluorotelomer phosphate diester ion (1-)	1411713-91-1
Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1		
8:2 FTS, its salts			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	Sodium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-Na)	27619-96-1
Potassium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-K)	438237-73-1	Ammonium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-NH ₄)	149724-40-3
2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))	481071-78-7		
PFOSA, its salts			
Perfluorooctane sulfonamide (PFOSA)	754-91-6	Perfluorooctanesulfonamide Potassium salt (PFOSA-K)	76752-70-0
Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9	Perfluorooctanesulfonamide Ammonium salt (PFOSA-NH ₄)	76752-72-2
Perfluorooctanesulfonamide Sodium salt (PFOSA-Na)	76752-78-8	Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C ₆ H ₁₅ N)	76752-82-4
PFTrDA, its salts			
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	Perfluorotridecanoate (anion)	862374-87-6
Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6	Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7
PFTDA, its salts			
Perfluorotetradecanoic Acid (PFTDA)	376-06-7	Perfluorotetradecanoate (anion)	365971-87-5
11H-PFUnDA, its salts			
11H-Perfluoroundecanoic acid (11H-PFUnDA)	1765-48-6	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icos	5081-02-7

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 22 of 28

Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icos afluoroundecanoate (11H-PFUnDA-K)	307-71-1	afluoroundecanoate (11H-PFUnDA-NH4) 11-H-Perfluoroundecanoate (11H-PFUnDA(anion))	69681-37-4
HPFHpA, its salts			
7H-Dodecafluoroheptane Acid (HPFHpA)	1546-95-8	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH4)	376-34-1
Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na)	2264-25-7	7-H-Perfluoroheptanoate (HPFHpA(anion))	69681-35-2
6:2 FTS, its salts			
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	6:2 Fluorotelomer sulfonate ammonium salt (6:2 FTS-NH4)	59587-39-2
6:2 Fluorotelomer sulfonate sodium salt (6:2 FTS-Na)	27619-94-9	1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, barium salt (2:1) (6:2 FTS-Ba)	1807944-82-6
6:2 Fluorotelomer sulfonate potassium salt (6:2 FTS-K)	59587-38-1	2-(Perfluorohexyl)ethane-1-sulfonate (6:2FTS(anion))	425670-75-3
4:2 FTS, its salts			
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 FTS)	757124-72-4	1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt (4:2 FTS-Na)	27619-93-8
4:2 Fluorotelomer sulfonate (4:2FTS(anion))	414911-30-1		
ADONA, its salts			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3
Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH4)	958445-44-8		
9CI-PF3ONS, its salts			
9-Chlorohexadecafluoro-3-oxanonane-1-sulfoni c acid (9CI-PF3ONS)	756426-58-1	Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfon ate	1383434-28-3
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfona te	73606-19-6		
11CI-PF3OUdS, its salts			
11-Chloroeicosafluoro-3-oxaundecane-1-sulfoni c acid	763051-92-9	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfon ate	83329-89-9
PFPrA, its salts			
Pentafluoropropionic acid (PFPrA)	422-64-0	Potassium pentafluoropropionate (PFPrA-K)	378-76-7
Sodium pentafluoropropionate (PFPrA-Na)	378-77-8	Ammonium pentafluoropropionate (PFPrA-NH4)	2730-58-7
Silver pentafluoropropionate (PFPrA-Ag)	509-09-1		
HFPO-TA, its salts & derivatives			
Hexafluoropropylene oxide trimer acid (HFPO-TA)	13252-14-7	Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy)-, ammonium salt	13043-05-5

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 23 of 28

		(HFPO-TA-NH4)	
Propanoic acid, 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propoxy]-, potassium salt (HFPO-TA-K)	67118-57-4	Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) fluoride (HFPO-TA-F)	2641-34-1
Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid, sodium salt (HFPO-TA-Na)	67963-76-2		
EtFHxSAA, its salts			
Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluor ohexyl)sulfonyl]- (EtFHxSAA)	68957-32-4	Sodium N-ethyl-N-[(tridecafluorohexyl)sulphonyl]glycina te (EtFHxSAA-Na)	68555-70-4
Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA-K)	67584-53-6		
10:2 FTS, its salts			
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	1H,1H,2H,2H-Perfluorododecane sulfonic acid sodium salt (10:2 FTS-Na)	108026-35-3
8:8 PFPI, its salts			
8:8 Perfluorophosphinic acid (8:8 PFPI)	40143-79-1	Bis(heptadecafluorooctyl)phosphinic Acid Sodium Salt (8:8 PFPI-Na)	500776-69-2
Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPI-Er)	500776-70-5	Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPI-Yb)	500776-71-6
8:2 monoPAP, its salts			
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP)	57678-03-2	8:2 Fluorotelomer diammonium phosphate	93857-44-4
Disodium 1H,1H,2H,2H-perfluorodecylphosphate	438237-75-3	Ammonium bis[2-(perfluorohexyl)ethyl] phosphate	1764-95-0
3,3,4,4,5,5,6,6,7,7,8,8-Tridecafluorooctanol phosphate ammonium salt	92401-44-0	Sodium 1H,1H,2H,2H-perfluorooctylphosphate	144965-22-0
Monopotassium monopерfluorohexyl ethylphosphate	150033-28-6	Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate	2353-52-8
FOSAA, its salts			
Perfluorooctane sulfonamidoacetic Acid (FOSAA)	2806-24-8	N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA(anion))	909405-47-6
N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4	N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5
N-MeFOSAA, its salts			
N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA)	2355-31-9	2-(N-Methylperfluorooctanesulfonamido)acetat e (N-Me-FOSAA(anion))	909405-48-7
Potassium N-[(heptadecafluorooctyl)sulphonyl]-N-methylgl ycinate (N-Me-FOSAA-K)	70281-93-5		
N-EtFOSAA, its salts			
N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA)	2991-50-6	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 24 of 28

2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8	Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH4)	2991-52-8
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9		
10:2 diPAP, its salts			
10:2 Fluorotelomerphosphatediester (10:2 diPAP)	1895-26-7	Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C4H11O2)	57677-98-2
6:2 monoPAP, its salts			
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP)	57678-01-0	Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH4NH4)	1000852-37-8
6:2 FTPA, its salts			
Perfluorohexyl ethylphosphonic acid (6:2 FTPA)	252237-40-4	Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP 2OH-Na(PFHEPA-Na))	1189052-95-6
6:6 PFPI, its salts			
6:6 Perfluorophosphinic acid (6:6 PFPI)	40143-77-9	Bis(perfluorohexyl)phosphinic acid sodium salt (6:6 PFPI-Na)	70609-44-8
Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt	500776-72-7 (6:6 PFPI-Yb)	Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPI-Er)	500776-73-8
PFHxDA, its salts			
Hexadecanoic acid, hentriacontafuoro- (PFHxDA)	67905-19-5	Hentriacontafuorohexadecanoate anion (PFHxDA(anion))	1214264-30-8
PFODA, its salts			
Octadecanoic acid, pentatriacontafuoro- (PFODA)	16517-11-6	Perfluorooctadecanoate anion (PFODA(anion))	798556-82-8
PFPeDA, its salts			
Perfluoropentadecanoic Acid (PFPeDA)	141074-63-7	Nonacosafuoropentadecanoate (PFPeDA(anion))	1214264-29-5
6:2 diPAP, its salts			
6:2 Fluorotelomer phosphate diester (6:2 diPAP)	57677-95-9	Sodium bis[2-(perfluorohexyl)ethyl]phosphate (6:2 diPAP-Na)	407582-79-0
Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion(1-) (6:2 diPAP(Anion))	667465-18-1		
TFSI, its salts			
Bis(trifluoromethane)sulfonimide (TFSI)	82113-65-3	1-Butyl-1-methylpyrrolidinium Bis(trifluoromethanesulfonyl)imide	223437-11-4
Tributylmethylammonium Bis(trifluoromethanesulfonyl)imide	405514-94-5	Lithium Bis(trifluoromethane)sulfonimide (TFSI-Li)	90076-65-6
1-Decyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide	433337-23-6		
10:2 monoPAP, its salts			
10:2 Fluorotelomerphosphatemonoester (10:2 monoPAP)	57678-05-4	10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5
TFMS, its salts & derivatives			
Trifluoromethane sulfonic acid (TFMS)	1493-13-6	Trifluoromethane sulfonic acid Sodium salt (TFMS-Na)	2926-30-9

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.



AB-0690-T

TR2819656

06-26

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 25 of 28

Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6	Zinc trifluoromethanesulfonate (TFMS-Zn)	54010-75-2
Scandium trifluoromethanesulfonate (TFMS-Sc)	144026-79-9	Trifluoromethanesulfonic anhydride	358-23-6
Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9	Copper(II) trifluoromethanesulfonate (TFMS-Cu)	34946-82-2
Barium trifluoromethanesulfonate (TFMS-Ba)	2794-60-7	Cerium(IV) trifluoromethanesulfonate (TFMS-Ce)	107792-63-2
Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2	Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4
Nickel(II) Trifluoromethanesulfonate (TFMS-Ni)	60871-84-3	Tin(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8
Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8	Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7
Cerium(III) Trifluoromethanesulfonate (TFMS-Ce)	76089-77-5	Tetrabutylammonium trifluoromethanesulfonate	35895-70-6
Methyltriethylammonium trifluoromethanesulfonate	121107-18-4	Imidazole trifluoromethanesulfonate	29727-06-8
Trifluoroacetyl Trifluoromethanesulfonate	68602-57-3	Lanthanum(III) trifluoromethanesulfonate (TFMS-La)	52093-26-2
Indium(III) trifluoromethanesulfonate (TFMS-In)	128008-30-0	Samarium(III) trifluoromethanesulfonate (TFMS-Sm)	52093-28-4
Ytterbium(III) trifluoromethanesulfonate (TFMS-Yb)	54761-04-5	Thulium(III) trifluoromethanesulfonate (TFMS-Tm)	141478-68-4
Tetraethylammonium trifluoromethanesulfonate	35895-69-3	1-Fluoro-3,5-dichloropyridinium triflate	107264-06-2
Triethylamine salt of trifluoromethanesulfonic acid	646-58-2	Triphenylphosphonium anhydride triflate	72450-51-2
N,N-Diethyl-6-(diethylamino)-9-(2-(methoxycarbonyl)phenyl)-3H-xanthene-3-ylideneammonium trifluoromethanesulfonate	120611-30-5	Diphenylammonium Trifluoromethanesulfonate	164411-06-7
1-(3-aminoazetidin-1-yl)prop-2-en-1-one, trifluoromethanesulfonic acid	2060047-56-3	Guanidine trifluoromethanesulfonic acid	153756-25-3
Trifluoromethanesulfonic acid--1-ethyl-1H-imidazole (1/1)	501693-46-5	Ruthenium(3+), (OC-6-22)-, salt with trifluoromethanesulfonic acid (1:3)	74468-24-9
O-Pivaloylhydroxylamine trifluoromethanesulfonate	1293990-73-4	Trifluoromethanesulfonyl chloride	421-83-0
(2-Pyridylmethyl)sulfonyl chloride triflate	882564-09-2	Trifluoromethanesulfonyl bromide	15458-53-4
Mercury(II) trifluoromethanesulfonate (TFMS-Hg)	49540-00-3	Dysprosium(III) tris(trifluoromethanesulfonate) (TFMS-Dy)	139177-62-1
Manganese bis(trifluoromethanesulfonate) (TFMS-Mn)	55120-76-8	Pentaammine(trifluoromethanesulfonato)osmium(III) triflate	83781-30-0
Lutetium(III) trifluoromethanesulfonate (TFMS-Lu)	126857-69-0	Terbium(III) trifluoromethanesulfonate (TFMS-Tb)	148980-31-8
Neodymium(III) trifluoromethanesulfonate (TFMS-Nd)	34622-08-7	Ammonium trifluoromethanesulfonate (TFMS-NH4)	38542-94-8

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 26 of 28

Holmium(III) trifluoromethanesulfonate (TFMS-Ho)	139177-63-2	Trifluoromethanesulfonate	37181-39-8
Praseodymium(III) trifluoromethanesulfonate (TFMS-Pr)	52093-27-3	Bismuth(III) trifluoromethanesulfonate (TFMS-Bi)	88189-03-1
Europium(III) trifluoromethanesulfonate (TFMS-Eu)	52093-25-1	Erbium(III) trifluoromethanesulfonate (TFMS-Er)	139177-64-3
Gallium(III) trifluoromethanesulfonate (TFMS-Ga)	74974-60-0	N,N,N-Triethyl-2,2,2-trifluoroethan-1-aminium trifluoromethanesulfonate	380230-73-9
Methanesulfonic acid, trifluoro-, calcium salt (TFMS-Ca)	55120-75-7	Thallium(1+) trifluoromethanesulfonate (TFMS-Tl)	73491-36-8
Hafnium(IV) Trifluoromethanesulfonate (TFMS-Hf)	161337-67-3		
PFPrS, its salts			
Perfluoropropate sulfonic acid (PFPrS)	423-41-6	Perfluoropropanesulfonic acid sodium salt (PFPrS-Na)	359868-82-9
PFOPa, its salts			
Perfluorooctylphosphonic acid (PFOPA)	40143-78-0	(Heptadecafluorooctyl)phosphonic acid--4-methylaniline(1:1)	1263361-03-0
PFHpSi, its salts			
Perfluoroheptane-1-sulfonic acid (PFHpSi)	769067-51-8	1-heptanesulfonic Acid Sodium Salt (PFHpSi-Na)	68555-66-8
5:3-FTCA its salts			
3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	2H,2H,3H,3H-Perfluorooctanoate (anion) 5:3 FTCA (anion)	1799325-94-2
PFEESA, its salts			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	Potassium perfluoro(2-ethoxyethane) sulfonate (PFEESA-K)	117205-07-9
Sodium perfluoro(2-ethoxyethane) sulfonate (PFEESA-Na)	113507-87-2		
3:3 FTCA, its salts			
3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoate (3:3 FTCA(anion))	1169706-83-5
PFEtS, its salts			
Perfluoroethane sulfonic acid (PFEtS)	354-88-1	Pentafluoroethanesulfonate (PFEtS (anion))	108410-37-3
Potassium pentafluoroethane-1-sulfonate (PFEtS-K)	2837-92-5		
TFA, its salts			
Trifluoroacetic acid (TFA)	76-05-1	Sodium trifluoroacetate (TFA-Na)	2923-18-4
Thallium(III) trifluoroacetate (TFA-Tl)	23586-53-0	Lithium Trifluoroacetate (TFA-Li)	2923-17-3
Silver trifluoroacetate (TFA-Ag)	2966-50-9	Cesium Trifluoroacetate (TFA-Cs)	21907-50-6
Potassium trifluoroacetate (TFA-K)	2923-16-2	Ammoniumtrifluoroacetate (TFA-NH4)	3336-58-1

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.



AB-0690-T

TR2819656

06-26

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 27 of 28

Mercury(II) trifluoroacetate (TFA-Hg)	13257-51-7	Palladium(II) trifluoroacetate (TFA-Pd)	42196-31-6
Trifluoroacetate / Trifluoroacetic acid anion (TFA anion)	14477-72-6	Dimethyl[(trifluoroacetyl)oxy]sulfanium trifluoroacetate	57738-66-6
Aluminium tris(trifluoroacetate)+D586 (TFA-Al)	36554-89-9	Barium bis(trifluoroacetate) (TFA-Ba)	60884-92-6
Erbium tris(trifluoroacetate) (TFA-Er)	70236-99-6	Indium trifluoroacetate (TFA-In)	36554-90-2
Lanthanum tris(trifluoroacetate) (TFA-La)	70236-92-9	Nickel(2+) trifluoroacetate (TFA-Ni)	16083-14-0
Lead(II) trifluoroacetate (TFA-Pb)	4146-73-0	Acetic acid, trifluoro-, rhodium(2+) salt (TFA-Rh)	72654-51-4
Thulium tris(trifluoroacetate) (TFA-Tm)	70237-00-2	Ytterbium(3+) tris(trifluoroacetate) (TFA-Yb)	87863-62-5
Zinc bis(trifluoroacetate) (TFA-Zn)	21907-47-1	Ruthenium(II) 2,2,2-trifluoroacetate (TFA-Ru)	61612-84-8
Magnesium 2,2,2-trifluoroacetate (TFA-Mg)	123333-72-2	Copper(2+) trifluoroacetate (TFA-Cu)	123333-88-0

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2819656

Date: 24 June 2026

Page 28 of 28



* * *

End of Test Report

* * *

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

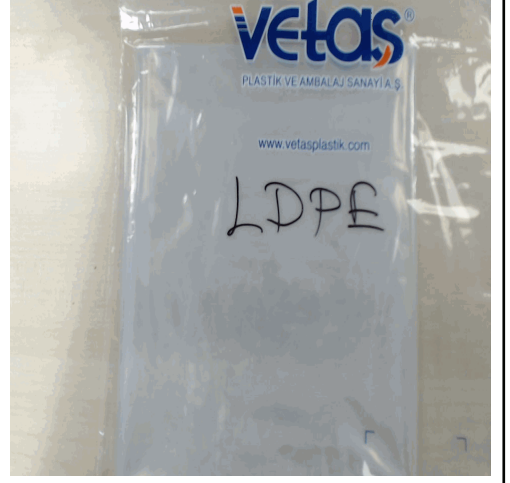
Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

INTERTEK TEST HİZMETLERİ A.Ş.

MUAYENE VE ANALİZ BULGUSU
EXAMINATION & ANALYSIS DOCUMENT

Bulgu / Revizyon No / Document / Revision No: 261000994		Yayımlandığı Tarih/ Date: 17.03.2026
Analizin Amacı/ Purpose of Analysis: -		
Müşteri Bilgileri / Customer Information		
Müşteri Adı / Customer Name	Vetaş Plastik ve Ambalaj San.A.Ş.	
Adres / Address	Çerkezköy O.S.B., G.O.Paşa Mh. 3.Cd. No:3, Çerkezköy, Tekirdağ, TURKEY,	
Numune Bilgileri / Sample Information		
Adı / Name	LDPE (Polietilen) Şeffaf Torba / LDPE (Polyethylene) Transparent Bag	Numunenin Fotoğrafı / Sample Photo 
Üretici Adı / Producer Name		
Tanımı ve Seri - Parti No / Description and Batch Number		
Üretim ve Son Kullanma T.-TETT/ Production & Expiry Date-BBE		
Ambalajı ve Miktarı / Package and Quantity	4x kilitli poşet / zipped package	
İlgili Kişi / Contact Person	Nigar Şen [nigar@vetasplastik.com]	
Numune kabul tarihi/saat / Sample received / transport by/time	28.01.2026 13:07 kargo / parcel services	
Numune alım sıcaklığı / Sample temp when received		
Numuneyi teslim alan ve mühür/alındığı yer-tarih/ Submitted by & Seal/location-date	Müşteri Mühürsüz / Client None/	
Teklif No / Quotation No	29306	
Analiz başlama ve bitiş zamanı / Start / End of analysis	28.01.2026 / 17.03.2026	
Açıklamalar / Remarks		

Bu analiz bulgusu adli -idari işlemlerde ve reklam amacıyla kullanılamaz. Bu analiz bulgusunun hiçbir bölümü laboratuvarın yazılı izni olmadan kısmen kopyalanıp, çoğaltılamaz, tek başına veya ayrı ayrı kullanılamaz. Müşteri bilgileri ve numune bilgileri müşteri tarafından sağlanmıştır. Laboratuvar numune alma faaliyetini gerçekleştirmediği için sonuçlar teslim alınan numune için geçerlidir. Bilginin müşteri tarafından sağlandığı durumlar hariç, bulguda verilen tüm bilgilerden laboratuvarımız sorumludur. Bu bulgu (üst yazı ve ekler dahil), müşteri tarafından sağlanan numuneye ait tanım, talimat, bilgi, materyal ve/veya koşullar temelinde bulguda belirtilen müşterinin talebine uygun olarak münhasır kullanımı için hazırlanmıştır. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

The whole and/or the part of this document shall not be reproduced and shall not be shared with third parties, nor to be used for juridical - official and PR activities without the written permission of INTERTEK Test Hizmetleri A.S. Customer informations and sample informations are provided by Intertek's Customer. The results are valid for the received sample since the laboratory does not perform the sampling activity. The laboratory shall be responsible for all the information provided in the document, except when information is provided by the customer. This document (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the document and on the basis of instructions, informations, conditions and/or materials supplied by Intertek's Customer. The results given herein apply to the submitted sample only.

INTERTEK TEST HİZMETLERİ A.Ş.

MUAYENE VE ANALİZ BULGUSU
EXAMINATION & ANALYSIS DOCUMENTBulgu / Revizyon No / **Document / Revision No:** 261000994Yayımlandığı Tarih/ **Date:** 17.03.2026Analizler / **Analyses**

No	Analiz Adı <i>Analysis Name</i>	Sonuç <i>Results</i>	LOQ / LOD	Ölçüm Belirsizliği <i>Uncertainty</i>	Geri Kazanım <i>Recovery</i>	Cihaz <i>Equipment</i>	Metot <i>Method</i>	Limit <i>Requirement</i>	Mevzuat <i>Regulations</i>	Değerlendirme <i>Interpretation</i>
1	(§) Mineral oil aromatic hydrocarbons (MOAH) (§) Mineral oil aromatic hydrocarbons (MOAH)	(§) Taşeron analiz raporu ektedir. / (§) Subcon analysis report is attached.	-	-	-		Method			DY : NA
2	(§) NIAS (§) NIAS	(§) Taşeron analiz raporu ektedir. / (§) Subcon analysis report is attached.	-	-	-		Method			DY : NA
3	(§) PFAS Content (§) PFAS Content	(§) Taşeron analiz raporu ektedir. / (§) Subcon analysis report is attached.	-	-	-		Metod			DY : NA
4	(§) Mineral oil saturated hydrocarbons (MOSH) (§) Mineral oil saturated hydrocarbons (MOSH)	(§) Taşeron analiz raporu ektedir. / (§) Subcon analysis report is attached.	-	-	-		Method			DY : NA

LOQ: Ölçüm Limiti / **Limit of Quantification** LOD: Tespit Limiti / **Limit of Detection** DY: **NA**: Değerlendirme Yapılamadı / **Not Applicable**

Bu analiz bulgusu adli -idari işlemlerde ve reklam amacıyla kullanılamaz. Bu analiz bulgusunun hiçbir bölümü laboratuvarın yazılı izni olmadan kısmen kopyalanıp, çoğaltılamaz, tek başına veya ayrı ayrı kullanılamaz. Müşteri bilgileri ve numune bilgileri müşteri tarafından sağlanmıştır. Laboratuvar numune alma faaliyetini gerçekleştirmede için sonuçlar teslim alınan numune için geçerlidir. Bilginin müşteri tarafından sağlandığı durumlar hariç, bulguda verilen tüm bilgilerden laboratuvarımız sorumludur. Bu bulgu (üst yazı ve ekler dahil), müşteri tarafından sağlanan numuneye ait tanım, talimat, bilgi, materyal ve/veya koşullar temelinde bulguda belirtilen müşterinin talebine uygun olarak münhasır kullanımı için hazırlanmıştır. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

The whole and/or the part of this document shall not be reproduced and shall not be shared with third parties, nor to be used for juridical - official and PR activities without the written permission of INTERTEK Test Hizmetleri A.S. Customer informations and sample informations are provided by Intertek's Customer. The results are valid for the received sample since the laboratory does not perform the sampling activity. The laboratory shall be responsible for all the information provided in the document, except when information is provided by the customer. This document (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the document and on the basis of instructions, informations, conditions and/or materials supplied by Intertek's Customer. The results given herein apply to the submitted sample only.

INTERTEK TEST HİZMETLERİ A.Ş.

MUAYENE VE ANALİZ BULGUSU
EXAMINATION & ANALYSIS DOCUMENT

Bulgu / Revizyon No / **Document / Revision No:** 261000994

Yayımlandığı Tarih/ **Date:** 17.03.2026

Bazı analizler Ar-Ge amaçlı olarak çalışılmakta ve sonuçlandırılmaktadır. / **Some analyses are performed and resulted for R-D purposes in scope of private demand.**

(±) $k=2$, % 95 güven aralığında genişletilmiş ölçüm belirsizliği, numune alma belirsizliği içermeyecek şekilde hesaplanmıştır. Aksi belirtilmediği sürece analiz değerlendirilmesinde Paylaşılan Risk Karar Kuralı (Basit Kabul Kuralı) uygulanır. Farklı karar kuralı uygulanan değerlendirmeler uygunluk notu olarak belirtilmiştir. / **The reported which is not contain sampling uncertainty value uncertainty is an expanded uncertainty calculated using a coverage factor of 2 which gives a level of confidence of approximately 95%. Unless otherwise specified, the results are evaluated according to Shared Risk Decision Rule (Simple Acceptance Rule). Other evaluation rules which are applied, indicated as interpretation comment.**

(§)İşaretli analiz taşeron laboratuvarında yaptırılmıştır. / **(§) Marked analysis was performed at subcon laboratory.**

17.03.2026

Bu analiz bulgusu adli -idari işlemlerde ve reklam amacıyla kullanılamaz.Bu analiz bulgusunun hiçbir bölümü laboratuvarın yazılı izni olmadan kısmen kopyalanıp, çoğaltılamaz, tek başına veya ayrı ayrı kullanılamaz. Müşteri bilgileri ve numune bilgileri müşteri tarafından sağlanmıştır. Laboratuvar numune alma faaliyetini gerçekleştirmedeği için sonuçlar teslim alınan numune için geçerlidir. Bilginin müşteri tarafından sağlandığı durumlar hariç, bulguda verilen tüm bilgilerden laboratuvarımız sorumludur. Bu bulgu (üst yazı ve ekler dahil), müşteri tarafından sağlanan numuneye ait tanım, talimat,bilgi, materyal ve/veya koşullar temelinde bulguda belirtilen müşterinin talebine uygun olarak münhasır kullanımı için hazırlanmıştır. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

The whole and/or the part of this document shall not be reproduced and shall not be shared with third parties, nor to be used for juridical - official and PR activities without the written permission of INTERTEK Test Hizmetleri A.S. Customer informations and sample informations are provided by Intertek's Customer. The results are valid for the received sample since the laboratory does not perform the sampling activity. The laboratory shall be responsible for all the information provided in the document, except when information is provided by the customer. This document (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the document and on the basis of instructions, informations, conditions and/or materials supplied by Intertek's Customer. The results given herein apply to the submitted sample only.

Bulgu Sonu / **End of document**

Intertek Test Hizmetleri A.Ş.
Merkez Mahallesi Sanayi Caddesi No:23 Altındağ Plaza
Yenibosna - İstanbul 34197
web: <https://www.intertek-turkey.com/sectorler/gida-ve-tarim>

Tel : 0 212 496 47 80
Faks : 0 212 652 36 02
e-mail: intertek.turkey@hs01.kep.tr, foodlab.turkey@intertek.com

Sayfa / Toplam Sayfa 3/3
Page / Total Pages

Vetaş Plastik ve Ambalaj San. A.Ş.
Çerkezköy O.S.B., G.O. Paşa Mh. 3.Cd.
No:3, Çerkezköy
Tekirdag
TURKEY

Fürth, 16 March 2026

TEST REPORT No. FUFDCP2026-00652

Date sample received: 05 February 2026
Testing period: 09 February 2026 - 16 March 2026
Technical Director: Kerstin Scharrer
Food contact testing according to client's request
Testing according to: Reg(EC)1935/2004

Abbreviations

*	= Test method is not part of the accreditation scope
**	= Outsourcing
#	= Subsequent delivery
CS	= Combined sample
F	= failed
n.a.	= not applicable
n.d.	= not determinable (< RL)
ND	= not detectable
P	= passed
RL	= Reporting limit
SML	= specific migration limit
SMR	= specific migration reference value
SRL	= specific release limit

Sample description: 261000994-LDPE (Polietilen) Şeffaf Torba / LDPE (Polyethylene)
Transparent Bag, Colour: TRANSPARENT, Material: LDPE



1. PFAS: Per- and polyfluoroalkyl substances (hydrolysis method)

Test method: DIN EN 17681-1:2025-06 resp. 12.02.01.07_PFAS (2023-01)

Parameter	CAS	RL in µg/kg	Results in µg/kg
PFBA [PFC C4]	375-22-4	10	n.d.
PFPeA [PFC C5]	2706-90-3	10	n.d.
PFHxA [PFC C6] ⁷	307-24-4	10	n.d.
PFHpA [PFC C7] ¹¹	375-85-9	10	n.d.
PFOA [PFC C8] ¹	335-67-1	10	n.d.
PFNA [PFC C9] ⁵	375-95-1	10	n.d.
PFDA [PFC C10] ⁵	335-76-2	15	n.d.
PFUdA [PFC C11] ⁵	2058-94-8	15	n.d.
PFDoA [PFC C12] ⁵	307-55-1	15	n.d.
PFTTrDA [PFC C13] ⁵	72629-94-8	15	n.d.
PFTeDA [PFC C14] ⁵	376-06-7	15	n.d.
PFBS [PFS C4] ¹¹	375-73-5	10	n.d.
PFPeS [PFS C5]	2706-91-4	10	n.d.
PFHxS [PFS C6] ⁹⁺¹⁰⁺¹¹	355-46-4	10	n.d.
PFHpS [PFS C7]	375-92-8	10	n.d.
PFOS [PFS C8] ³	1763-23-1	10	n.d.
PFNS [PFS C9]	68259-12-1	10	n.d.
PFDS [PFS C10]	335-77-3	10	n.d.
PFUnDS [PFS C11]	749786-16-1	10	n.d.
PFDoDS [PFS C12]	79780-39-5	10	n.d.
PFTTrDS [PFS C13]	791563-89-8	10	n.d.
PFOSA ⁴	754-91-6	10	n.d.
N-Me-FOSA ⁴	31506-32-8	10	n.d.
N-Et-FOSA ⁴	4151-50-2	10	n.d.
N-Me-FOSE alcohol ⁴	24448-09-7	10	n.d.
N-Et-FOSE alcohol ⁴	1691-99-2	10	n.d.
FOSAA ⁴	2806-24-8	10	n.d.
N-Me-FOSAA ⁴	2355-31-9	10	n.d.
N-Et-FOSAA ⁴	2991-50-6	10	n.d.
4HPFUnA ²⁺⁶	34598-33-9	10	n.d.
PF-3,7-DMOA ⁵	172155-07-6	15	n.d.
HPFHpA	1546-95-8	100	n.d.
4:2 FTS	757124-72-4	10	n.d.
6:2 FTS ⁸	27619-97-2	10	n.d.
8:2 FTS ²⁺⁶	39108-34-4	10	n.d.
10:2 FTS ⁶	120226-60-0	10	n.d.
HFPO-DA ¹¹	13252-13-6	10	n.d.
ADONA	958445-44-8	10	n.d.
PFHxSA ^{10 *}	41997-13-1	10	n.d.

Parameter	CAS	RL in µg/kg	Results in µg/kg
N-Me-FHxSA ^{10 *}	68259-15-4	10	n.d.
N-Me-FHxSE alcohol ^{10 *}	68555-75-9	15	n.d.
N-Et-FHxSE alcohol ^{10 *}	34455-03-3	15	n.d.
N-AP-FHxSA ^{10 *}	50598-28-2	10	n.d.
5:3 FTCA [*]	914637-49-3	10	n.d.
PFMPA [*]	377-73-1	10	n.d.
PFMBA [*]	863090-89-5	10	n.d.
NFDHA [*]	151772-58-6	10	n.d.
9Cl-PF3ONS [*]	756426-58-1	15	n.d.
11Cl-PF3OUdS [*]	763051-92-9	15	n.d.
PFEESA [*]	113507-82-7	15	n.d.
3:3 FTCA [*]	356-02-5	15	n.d.
7:3 FTCA [*]	812-70-4	15	n.d.
PFPeDA [*]	141074-63-7	10	n.d.
4:2 FTOH	2043-47-2	400	n.d.
6:2 FTOH ⁸	647-42-7	100	n.d.
8:2 FTOH ²⁺⁶	678-39-7	100	n.d.
10:2 FTOH ⁶	865-86-1	100	n.d.
12:2 FTOH ^{6 *}	39239-77-5	100	n.d.

¹PFOA limit value: 25 µg/kg

²PFOA-related compounds limit value: sum 1000 µg/kg

³PFOS limit value: 25 µg/kg

⁴PFOS-related compounds limit value: sum 1000 µg/kg

⁵C9-C14-PFCA limit value: sum 25 µg/kg

⁶C9-C14 PFCA-related substances limit value: sum 260 µg/kg

⁷PFHxA limit value: 25 µg/kg^a
⁸PFHxA related substances limit value: sum 1000 µg/kg^a

a: Valid from 10 October 2026 for textiles, leather, fur and hides in clothing, footwear, paper and cardboard used as food contact materials, mixtures for the general public and cosmetic products and valid from 10 October 2027 for textiles, leather, fur and hides other than clothing.

⁹PFHxS limit value: 25 µg/kg

¹⁰PFHxS related substances limit value: sum 1000 µg/kg

¹¹SVHC limit value: 0,1% = 1000000 µg/kg

Salts of perfluorocarboxylic acids (PFCA) are covered by the corresponding acid.

The following compounds, among others, are included in the corresponding FTOH compounds resp. PFOA:

Parameter	Abbrev.	CAS
1H,1H,2H,2H-Perfluorohexyl acrylate	4:2 FTA	52591-27-2
1H,1H,2H,2H-Perfluorooctyl acrylate	6:2 FTA	17527-29-6
1H,1H,2H,2H-Perfluorodecyl acrylate	8:2 FTA	27905-45-9
1H,1H,2H,2H-Perfluorodecyl acrylate	10:2 FTA	17741-60-5
1H,1H,2H,2H-Perfluorohexyl methacrylate	4:2 FTMA	1799-84-4

Parameter	Abbrev.	CAS
1H,1H,2H,2H-Perfluorooctyl methacrylate	6:2 FTMA	2144-53-8
1H,1H,2H,2H-Perfluorodecyl methacrylate	8:2 FTMA	1996-88-9
1H,1H,2H,2H-Perfluorododecyl methacrylate	10:2 FTMA	2144-54-9
Methyl perfluorooctanoate	Me-PFOA	376-27-2
Ethyl perfluorooctanoate	Et-PFOA	3108-24-5

Conclusion:

Parameter	Limit ^x	Status
PFOA and its salts (marked with ¹)	Regulation (EU) 2019/1021: 25 µg/kg	pass
PFOA-related compounds (marked with ²)	Regulation (EU) 2019/1021: Sum 1000 µg/kg	pass
PFOS and its salts (marked with ³)	Regulation (EU) 2019/1021: 25 µg/kg	pass
PFOS-related compounds (marked with ⁴)	Regulation (EU) 2019/1021: Sum 1000 µg/kg	pass
C9-C14-PFCAs (substance used as intermediate)	Regulation (EC) No 1907/2006: 10 mg/kg	n.a.
C9-C14 PFCAs (marked with ⁵)	Regulation (EC) No 1907/2006: Sum 25 µg/kg	pass
Selected C9-C14 PFCA-related substances (marked with ⁶)	Regulation (EC) No 1907/2006: Sum 260 µg/kg	pass
PFHxS and its salts (marked with ⁹)	Regulation (EU) 2019/1021: 25 µg/kg	pass
Selected PFHxS-related substances (marked with ⁹⁺¹⁰)	Regulation (EU) 2019/1021: Sum 1000 µg/kg	pass

^xThe derogations of limits / exemptions for PFOA + related compounds in Regulation(EU) 2019/1021 Annex I were not considered.

2. GC-MS-Screening for NIAS

Test method**: DIN EN 13130-1:2004-08 / GC-QTOF-MS/FID screening method (PTV injection, DB-5 column and electron impact ionization)

All relevant substances were compared with the NIST library and an internal library. The concentrations were calculated via the average of the added internal standards.

Testing conditions: Ethanol 95% (10d / 60°C), single-sided

RRT = relative retention time

Results in mg/kg simulant:

RRT	Substance	CAS	Concentration	SML (mg/kg)
	RL		0.010	

1.72	octadecyl-3-(3,5-di-tert-butyl-4hydroxyphenyl)propionate (Irganox 1076)	2082-79-3	0.76	EU 10/2011: 6 / CH BedGeg VO: 6
1.85	possible transformation product of CAS 2082-79-3 (m/z 57.070+528.457+55.054)		0.092	EU 10/2011 Art. 19: 6 / CH NIAS: 6 / RA CAS 2082-79-3: 6
0.58	fatty acid ester		0.068	
1.28	eruca acid amide (ESA)	112-84-5	0.98	
-----	-----	sum	1.0	EU 10/2011: 60 / CH BedGeg VO: 60
	internal standards			
0.64	IS 1: heptadecane	629-78-7		
1.00	IS 3: benzylbutyl phthalate-D4	93951-88-3		
1.37	IS 4: di-n-nonyl phthalate-3,4,5,6-D4	1202865-43-7		

[CH NIAS] Not listed in SR 817.023.21: Swiss Regulation on Food Contact Materials. According to article 11 paragraph 3, consumer articles made of plastic can contain non-intentionally added substances if these do not endanger human health. According to article 19 of regulation EU 10/2011, we evaluate the NIAS in accordance with internationally recognized scientific principles regarding risk assessment.

[EU 10/2011 Art. 19] Assessment of substances not included in the Union list: in accordance with internationally recognized scientific principles on risk assessment. See other limits.

[RA CAS 2082-79-3] Assumption: read-across via CAS 2082-79-3 octadecyl-3-(3,5-di-tert-butyl-4hydroxyphenyl)propionate (Irganox 1076)

The test was performed by an approved third-party subcontractor laboratory.

3. Total Content of MOSH / POSH / MOAH

Test method: Extraction / LC/GC-FID**

Results in mg/kg material:

Parameter	Results	RL (mg/kg)
MOSH / POSH C10-C16	n.d.	
MOSH / POSH C16-C20	16	
MOSH / POSH C20-C25	14	
MOSH / POSH C25-C35	49	
MOSH / POSH C35-C40	7.2	
MOSH / POSH C40-C50	36	
Total MOSH / POSH (C16-C50)	120	
Total MOSH / POSH (C16-C35)	78	0.5
Total MOSH / POSH (C10-C50)	130	0.5
MOAH C10-C16	n.d.	
MOAH C16-C20	n.d.	
MOAH C20-C25	n.d.	
MOAH C25-C35	n.d.	
MOAH C35-C40	n.d.	
MOAH C40-C50	n.d.	
MOAH C16-C25	n.d.	
MOAH C16-C35	n.d.	
MOAH C35-C50	n.d.	
Total MOAH (C10-C50)	n.d.	0.5

**RL was analytically derived from an external reference (Gravex 913) which elutes over several fractions. Therefore, RL is only reported for the sum of all substances in the fractions C10-C50 instead of mathematically calculated values for each fraction.

The test was performed by an approved third-party subcontractor laboratory.

General note:

This report has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Intertek being obtained. Intertek accepts no responsibility or liability for the consequences of this document being used for a purpose other than the purposes for which it was commissioned. Any person using or relying on the document for such other purposes agrees, and will by such use or reliance be taken to confirm his agreement to indemnify Intertek for all loss or damage resulting therefrom. Intertek accepts no responsibility or liability for this document to any party other than the person by whom it was commissioned.

We would like to point out, that Intertek can't provide legally binding assessments referring to isolated cases. The individual legal advice in Germany is reserved to the legal advisory professions and a binding interpretation is subject to the court of justice.

Copying excerpts or otherwise reproducing parts of the test report is permitted only with the consent of the laboratory accepting the order. The test results of this test report relate exclusively to the tested item(s) identified in this test report. Intertek accepts no responsibility or liability for the consequences of this test report being used for items other than tested even if expressly listed in this test report.

All testing requests are subject to our Terms and Conditions available on www.intertek.com.

END OF REPORT

02.07.2026

EU, DECLARATION OF CONFORMITY**(Packaging & Packaging Waste Regulation - EU, DECLARATION OF CONFORMITY)****No (*):** DoC-2026-MA-004

This Declaration of Conformity (the "Declaration") has been issued following the assessment of the packaging material defined below against the relevant requirements of the European Union Packaging and Packaging Waste Regulation (EU) 2025/40 ("PPWR"), based on the product specifications and production data valid as of the date of this Declaration.

1.Unique Identification Number of the Packaging:

xxxxxxx/xx: The 10-digit order number, consisting of the first 2 letters indicating the factory code and the last 8 digits, is the unique identifier of the product. The codes 11 and 12 following the slash ("/") indicate the structural form of the product (sheet or box).

2. Name and Address of the Manufacturer:

Modern Oluklu Mukavva Ambalaj Sanayi ve Ticaret Anonim Şirketi

Atatürk Mah. Ertuğrul Gazi Sk. Metropol İstanbul, C2 Blok
İstanbul, Türkiye

info@modern-ambalaj.com.tr

3. Declaration of Responsibility:

This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

4. Object of the Declaration (Identification for Traceability):

Description of the Packaging: 100% recycled paper-based, unprinted corrugated cardboard sheet

Traceability Information:

- Order Number (Example: GBxxxxxxxx/12, ÇLxxxxxxxx/12, MNxxxxxxxx/12, ESxxxxxxxx/12, ISxxxxxxxx/12, KAxxxxxxxx/12, BUxxxxxxxx/12, SKxxxxxxxx/12)

5. Declaration of Conformity:

The object of the declaration described above has been manufactured in accordance with the relevant Union harmonisation legislation specified below, based on the product specification and production data valid on the date of this Declaration.

- Packaging and Packaging Waste Regulation (EU) 2025/40.



MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.

Atatürk Mah. Ertuğrul Gazi Sok. Metropol İstanbul Şiş. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye

T: +90 216 606 3737 (pbx) F: +90 216 606 3777 W: modern-ambalaj.com.tr W: www.erenholding.com.tr

VD: Marmara Kurumlar VN: 622 008 8687 Mersis No: 0622008868700018

Çorlu (Fabrika) T: (0282) 655 62 79 F: (0282) 655 61 50 Gebze (Fabrika) T: (0262) 751 39 99 F: (0262) 751 39 32

Manisa (Fabrika) T: (0236) 214 01 66 F: (0236) 214 01 68 Eskişehir (Fabrika) T: (0222) 322 21 11 F: (0222) 322 23 33

Kayseri (Fabrika) T: (0352) 322 21 05 F: (0352) 322 21 09 İstanbul (Fabrika) T: (0212) 933 32 33 F: (0212) 909 69 59

Bursa (Fabrika) T: (0224) 449 00 70 F: (0224) 449 00 79 Sakarya (Fabrika) T: (0264) 606 03 16 F: (0264) 606 03 17

6. Applied Standards and Specifications:

Reference is made to the following harmonised standards, common specifications and technical regulations within the scope of the relevant conformity assessment/test records:

- PPWR Article 5: Heavy Metal Limits (<100 mg/kg).
- PPWR Article 6: Design for Recycling (DfR) Criteria.
- PPWR Article 10: Packaging Minimisation and Performance Criteria (Annex IV).
- Standard References:

EN 13428:2004, Requirements specific to manufacturing and composition of packaging.

EN 13430:2004, Packaging recoverable by material recycling.

7. Scope and Limitations of the Declaration:

This Declaration of Conformity applies solely to the packaging material identified above. It does not cover the packaged product, the suitability of the product for its intended use, or any subsequent processing, modification or use of the packaging by third parties under different conditions. This Declaration reflects the product specification valid on the date of issue and shall be subject to re-evaluation in the event of any changes to the specification.

Name and Surname: *Onur Bozkurt*

Title: *Director of Customer Satisfaction and Quality*

Stamp/Signature:



MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.

Atatürk Mah. Ertuğrul Gazı Sok. Metropol İstanbul Sit. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye

T: +90 216 606 3737 (pbx) F: +90 216 606 3777 W: modern-ambalaj.com.tr W: www.erenholding.com.tr

VD: Marmara Kurumlar VN: 622 008 8687 Mersis No: 0622008868700018

Çorlu (Fabrika) T: (0282) 655 62 79 F: (0282) 655 61 50 Gebze (Fabrika) T: (0262) 751 39 99 F: (0262) 751 39 32

Manisa (Fabrika) T: (0236) 214 01 66 F: (0236) 214 01 68 Eskişehir (Fabrika) T: (0222) 322 21 11 F: (0222) 322 23 33

Kayseri (Fabrika) T: (0352) 322 21 05 F: (0352) 322 21 09 İstanbul (Fabrika) T: (0212) 933 32 33 F: (0212) 909 89 59

Bursa (Fabrika) T: (0224) 449 00 70 F: (0224) 449 00 79 Sakarya (Fabrika) T: (0264) 606 03 16 F: (0264) 606 03 17

02.07.2026**GENERAL RECYCLABILITY DECLARATION***Corrugated Board Sheets and Boxes**The Scope of EN 13430:2004 Standard, EU 2018/852 Directive, and PPWR (EU 2025/40 Regulation)
("Regulation")*

This General Recyclability Declaration ("Declaration") has been prepared by Modern Oluklu Mukavva Ambalaj Sanayi ve Ticaret Anonim Şirketi ("Our Company") to inform the companies with whom we cooperate regarding the corrugated board sheet and box product group, and reflects a general assessment based on Our Company's current technical knowledge, material structure, and product design principles.

This Declaration does not constitute an independent test report, certificate, or official certificate of conformity for individual products. The information contained in this Declaration may be updated without prior notice in line with relevant legislation, technical standards, and sectoral developments. It is recommended that the companies we cooperate with independently evaluate their own obligations arising from the Regulation and, when necessary, consult their own legal and technical advisors.

Product Description and Material Structure

The corrugated board sheets and corrugated board boxes produced by Our Company are predominantly manufactured from paper and cardboard-based materials and are designed to be compatible with existing paper and cardboard recycling systems.

The following materials are mainly used in the production of our products:

- Paper and cardboard-based corrugated board
- Starch-based adhesives
- Water-based adhesives
- Water-based printing inks
- Metal stitching wires depending on the product design

Auxiliary materials and other components used in production are utilized to meet the functional requirements of the product and do not constitute the core structure of the packaging.

Depending on the product design, metal stitching wire may be used in some packaging. These components can be removed by the separation systems used in current paper and cardboard recycling processes and do not adversely affect the recyclability of the packaging.

Recyclability Assessment:

Within the scope of the internal assessment study carried out based on the criteria of the EN 13430:2004 standard, it has been concluded that our products are compatible with existing paper and cardboard recycling processes in terms of their material structure and design characteristics. Under this assessment framework, our products are evaluated to meet the requirements for packaging recoverable in the form of material recycling as defined in the EN 13430:2004 standard.

Furthermore, the products in question support the recyclability targets specified in the amendments made to the 94/62/EC Packaging and Packaging Waste Directive by the EU 2018/852 Directive, and have

**MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.**

Atatürk Mah. Ertuğrul Gazi Sok. Metropol İstanbul Sit. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye

T: +90 216 606 3737 (pbx) F: +90 216 606 3777 W: modern-ambalaj.com.tr W: www.erenholding.com.tr

VD: Marmara Kurumlar VN: 622 008 8687 Mersis No: 0622008868700018

Çorlu (Fabrika) T: (0282) 655 62 79 F: (0282) 655 61 50 **Gebze (Fabrika)** T: (0262) 751 39 99 F: (0262) 751 39 32**Manisa (Fabrika)** T: (0236) 214 01 66 F: (0236) 214 01 68 **Eskişehir (Fabrika)** T: (0222) 322 21 11 F: (0222) 322 23 33**Kayseri (Fabrika)** T: (0352) 322 21 05 F: (0352) 322 21 09 **İstanbul (Fabrika)** T: (0212) 933 32 33 F: (0212) 909 89 59**Bursa (Fabrika)** T: (0224) 449 00 70 F: (0224) 449 00 79 **Sakarya (Fabrika)** T: (0264) 606 03 16 F: (0264) 606 03 17

been designed in compliance with the recyclability principles envisioned under the Packaging and Packaging Waste Regulation (PPWR) No. EU 2025/40.

Limitation of Liability

This Declaration has been prepared for the general product group and may vary for individual products depending on product design, composition, printing/lamination features, or conditions of use. Our Company may provide separate information if a recyclability assessment specific to a particular product is requested.

This Declaration has been prepared in good faith based on the Company's current technical knowledge and data, and does not create any additional commitment, warranty, or liability exceeding its legal obligations under the Regulation or other relevant legislation. Our Company reserves the right to update this Declaration in line with developments in legislation and technical standards.

Name and Surname:

Emre KOLEMENÖSLÜ

Title:

Senior Quality Engineer

Stamp/Signature:


MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.
Atatürk Mah. Ertuğrul Gazi Sok. Metropol İstanbul Sit. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye
No: 2A/12 34756 Ataşehir, İstanbul
T: 0216 606 3737 F: 0216 606 3777
Marmara Kurumlar V.D: 622 008 018



MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.

Atatürk Mah. Ertuğrul Gazi Sok. Metropol İstanbul Sit. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye
T: +90 216 606 3737 (pbx) F: +90 216 606 3777 W: modern-ambalaj.com.tr W: www.erenholding.com.tr
VD: Marmara Kurumlar VN: 622 008 8687 Mersis No: 0622008868700018

Çorlu (Fabrika) T: (0282) 655 62 79 F: (0282) 655 61 50 **Gebze (Fabrika)** T: (0262) 751 39 99 F: (0262) 751 39 32

Manisa (Fabrika) T: (0236) 214 01 66 F: (0236) 214 01 68 **Eskişehir (Fabrika)** T: (0222) 322 21 11 F: (0222) 322 23 33

Kayseri (Fabrika) T: (0352) 322 21 05 F: (0352) 322 21 09 **İstanbul (Fabrika)** T: (0212) 933 32 33 F: (0212) 909 89 59

Bursa (Fabrika) T: (0224) 449 00 70 F: (0224) 449 00 79 **Sakarya (Fabrika)** T: (0264) 606 03 16 F: (0264) 606 03 17

22.04.2026

DECLARATION OF COMPLIANCE – HEAVY METALS & PFAS (PPWR)

MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş. hereby confirms that the packaging materials supplied comply with Regulation (EU) 2025/40 (PPWR), including Article 5 regarding heavy metals and relevant provisions on per- and polyfluoroalkyl substances (PFAS).

With regard to heavy metals (Pb, Cd, Hg, Cr VI), we declare that the packaging materials are manufactured in compliance with applicable regulatory limits as defined under PPWR.

With regard to PFAS, we hereby declare that, to the best of our knowledge and based on information received from our raw material suppliers, PFAS substances are **not intentionally added** during the manufacturing of our products.

Furthermore, we confirm that our products are manufactured under controlled conditions, and supplier management systems are in place to monitor and minimize the potential presence of PFAS. Compliance with applicable regulatory limits is assessed based on available data and supplier declarations.


Emre KOLEMENOGU
Senior Quality Engineer
MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.
Atatürk Mah. Ertuğrul Gazi Sok. Metropol İstanbul Sit. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye
T: +90 216 606 3737 F: +90 216 606 3777 W: www.erenholding.com.tr
VD: Marmara Kurumlar VN: 622 008 8687 Mersis No: 0622008868700018
Çorlu (Fabrika) T: (0282) 655 62 79 F: (0282) 655 61 50 Gebze (Fabrika) T: (0262) 751 39 99 F: (0262) 751 39 32
Manisa (Fabrika) T: (0236) 214 01 66 F: (0236) 214 01 68 Eskişehir (Fabrika) T: (0222) 322 21 11 F: (0222) 322 23 33
Kayseri (Fabrika) T: (0352) 322 21 05 F: (0352) 322 21 09 İstanbul (Fabrika) T: (0212) 933 32 33 F: (0212) 909 89 59
Bursa (Fabrika) T: (0224) 449 00 70 F: (0224) 449 00 79 Sakarya (Fabrika) T: (0264) 606 03 16 F: (0264) 606 03 17



MODERN OLUKLU MUKAVVA AMBALAJ SAN. VE TİC. A.Ş.

Atatürk Mah. Ertuğrul Gazi Sok. Metropol İstanbul Sit. C2 Apt. No: 2A/9 Ataşehir, İstanbul - Türkiye
T: +90 216 606 3737 (pbx) F: +90 216 606 3777 W: www.erenholding.com.tr
VD: Marmara Kurumlar VN: 622 008 8687 Mersis No: 0622008868700018

Çorlu (Fabrika) T: (0282) 655 62 79 F: (0282) 655 61 50 Gebze (Fabrika) T: (0262) 751 39 99 F: (0262) 751 39 32
Manisa (Fabrika) T: (0236) 214 01 66 F: (0236) 214 01 68 Eskişehir (Fabrika) T: (0222) 322 21 11 F: (0222) 322 23 33
Kayseri (Fabrika) T: (0352) 322 21 05 F: (0352) 322 21 09 İstanbul (Fabrika) T: (0212) 933 32 33 F: (0212) 909 89 59
Bursa (Fabrika) T: (0224) 449 00 70 F: (0224) 449 00 79 Sakarya (Fabrika) T: (0264) 606 03 16 F: (0264) 606 03 17

INTERTEK TEST HİZMETLERİ A.Ş.

MUAYENE VE ANALİZ BULGUSU
EXAMINATION & ANALYSIS DOCUMENT

Bulgu / Revizyon No / Document / Revision No: S261006724		Yayımlandığı Tarih/ Date: 04.06.2026
Analizin Amacı/ Purpose of Analysis: -		
Müşteri Bilgileri / Customer Information		
Müşteri Adı / Customer Name	Modern Oluklu Mukavva Ambalaj Tic.ve San. A.Ş.	
Adres / Address	Atatürk Mh. Ertuğrulgazi Sk., Metropol İstanbul Sit. C 2 Blok No:2/A, Ataşehir, İstanbul, TURKEY	
Numune Bilgileri / Sample Information		
Adı / Name	Oluklu Mukavva Kutu	Numunenin Fotoğrafi / Sample Photo 
Üretici Adı / Producer Name		
Tanımı ve Seri - Parti No / Description and Batch Number		
Üretim ve Son Kullanma T.-TETT/ Production & Expiry Date-BBE		
Ambalajı ve Miktarı / Package and Quantity	2x adet / samples	
İlgili Kişi / Contact Person	Emre Kölemenoglu [emre.kolemenoglu@modern-ambalaj.c	
Numune kabul tarihi/saat / Sample received / transport by/time	08.05.2026 01:25 kargo / parcel services	
Numune alım sıcaklığı / Sample temp when received		
Numuneyi teslim alan ve mühür/alındığı yer-tarih/ Submitted by & Seal/location-date	Müşteri Mühürsüz / Client None/	
Teklif No / Quotation No	31599R2	
Analiz başlama ve bitiş zamanı / Start / End of analysis	08.05.2026 / 02.06.2026	
Açıklamalar / Remarks		

Bu analiz bulgusu adli -idari işlemlerde ve reklam amacıyla kullanılamaz. Bu analiz bulgusunun hiçbir bölümü laboratuvarın yazılı izni olmadan kısmen kopyalanıp, çoğaltılamaz, tek başına veya ayrı ayrı kullanılamaz. Müşteri bilgileri ve numune bilgileri müşteri tarafından sağlanmıştır. Laboratuvar numune alma faaliyetini gerçekleştirmediği için sonuçlar teslim alınan numune için geçerlidir. Bilginin müşteri tarafından sağlandığı durumlar hariç, bulguda verilen tüm bilgilerden laboratuvarımız sorumludur. Bu bulgu (üst yazı ve ekler dahil), müşteri tarafından sağlanan numuneye ait tanım, talimat, bilgi, materyal ve/veya koşullar temelinde bulguda belirtilen müşterinin talebine uygun olarak münhasır kullanımı için hazırlanmıştır. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

The whole and/or the part of this document shall not be reproduced and shall not be shared with third parties, nor to be used for juridical - official and PR activities without the written permission of INTERTEK Test Hizmetleri A.S. Customer informations and sample informations are provided by Intertek's Customer. The results are valid for the received sample since the laboratory does not perform the sampling activity. The laboratory shall be responsible for all the information provided in the document, except when information is provided by the customer. This document (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the document and on the basis of instructions, informations, conditions and/or materials supplied by Intertek's Customer. The results given herein apply to the submitted sample only.

INTERTEK TEST HİZMETLERİ A.Ş.

MUAYENE VE ANALİZ BULGUSU
EXAMINATION & ANALYSIS DOCUMENTBulgu / Revizyon No / **Document / Revision No:** S261006724Yayımlandığı Tarih/ **Date:** 04.06.2026Analizler / **Analyses**

No	Analiz Adı <i>Analysis Name</i>	Sonuç <i>Results</i>	LOQ / LOD	Ölçüm Belirsizliği <i>Uncertainty</i>	Geri Kazanım <i>Recovery</i>	Cihaz <i>Equipment</i>	Metot <i>Method</i>	Limit <i>Requirement</i>	Mevzuat <i>Regulations</i>	Değerlendirme <i>Interpretation</i>
1	(§) Heavy Metals Testing For Packaging Materials (Pb,Cd, Cr6+ , Hg-sum≤100 ppm) as per Regulation (EU) 2025/40 Toxic Elements in Packaing waste (§) Heavy Metals Testing For Packaging Materials (Pb,Cd, Cr6+ , Hg-sum≤100 ppm) as per Regulation (EU) 2025/40 Toxic Elements in Packaing waste	(§) Taşeron analiz raporu ektedir. / (§) Subcon analysis report is attached.	-	-	-		Method			DY : NA
2	(§) PFAS Testing capability (e.g., target PFAS analysis, total fluorine screening) Total Fluorine analysis as per (EU) 2025/40 Packaking and Packaging Waste (§) PFAS Testing capability (e.g., target PFAS analysis, total fluorine screening) Total Fluorine analysis as per (EU) 2025/40 Packaking and Packaging Waste	(§) Taşeron analiz raporu ektedir. / (§) Subcon analysis report is attached.	-		-		Method			DY : NA

Bu analiz bulgusu adli -idari işlemlerde ve reklam amacıyla kullanılamaz.Bu analiz bulgusunun hiçbir bölümü laboratuvarın yazılı izni olmadan kısmen kopyalanıp, çoğaltılamaz, tek başına veya ayrı ayrı kullanılamaz. Müşteri bilgileri ve numune bilgileri müşteri tarafından sağlanmıştır. Laboratuvar numune alma faaliyetini gerçekleştirmedeği için sonuçlar teslim alınan numune için geçerlidir. Bilginin müşteri tarafından sağlandığı durumlar hariç, bulguda verilen tüm bilgilerden laboratuvarımız sorumludur. Bu bulgu (üst yazı ve ekler dahil), müşteri tarafından sağlanan numuneye ait tanım, talimat,bilgi, materyal ve/veya koşullar temelinde bulguda belirtilen müşterinin talebine uygun olarak münhasır kullanımı için hazırlanmıştır. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

The whole and/or the part of this document shall not be reproduced and shall not be shared with third parties, nor to be used for juridical - official and PR activities without the written permission of INTERTEK Test Hizmetleri A.S. Customer informations and sample informations are provided by Intertek's Customer. The results are valid for the received sample since the laboratory does not perform the sampling activity. The laboratory shall be responsible for all the information provided in the document, except when information is provided by the customer. This document (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the document and on the basis of instructions, informations, conditions and/or materials supplied by Intertek's Customer. The results given herein apply to the submitted sample only.

INTERTEK TEST HİZMETLERİ A.Ş.

MUAYENE VE ANALİZ BULGUSU
EXAMINATION & ANALYSIS DOCUMENT

Bulgu / Revizyon No / **Document / Revision No:** S261006724

Yayımlandığı Tarih/ **Date:** 04.06.2026

LOQ: Ölçüm Limiti / **Limit of Quantification** LOD: Tespit Limiti / **Limit of Detection** DY: **NA**: Değerlendirme Yapılamadı / **Not Applicable**

Bazı analizler Ar-Ge amaçlı olarak çalışılmakta ve sonuçlandırılmaktadır. / **Some analyses are performed and resulted for R-D purposes in scope of private demand.**

(±) $k=2$, % 95 güven aralığında genişletilmiş ölçüm belirsizliği, numune alma belirsizliği içermeyecek şekilde hesaplanmıştır. Aksi belirtilmediği sürece analiz değerlendirilmesinde Paylaşılan Risk Karar Kuralı (Basit Kabul Kuralı) uygulanır. Farklı karar kuralı uygulanan değerlendirmeler uygunluk notu olarak belirtilmiştir. / **The reported which is not contain sampling uncertainty value uncertainty is an expanded uncertainty calculated using a coverage factor of 2 which gives a level of confidence of approximately 95%. Unless otherwise specified, the results are evaluated according to Shared Risk Decision Rule (Simple Acceptance Rule). Other evaluation rules which are applied, indicated as interpretation comment.**

(§)İşaretli analiz taşeron laboratuvarında yapılmıştır. / **(§) Marked analysis was performed at subcon laboratory.**

04.06.2026

Bu analiz bulgusu adli -idari işlemlerde ve reklam amacıyla kullanılamaz. Bu analiz bulgusunun hiçbir bölümü laboratuvarın yazılı izni olmadan kısmen kopyalanıp, çoğaltılamaz, tek başına veya ayrı ayrı kullanılamaz. Müşteri bilgileri ve numune bilgileri müşteri tarafından sağlanmıştır. Laboratuvar numune alma faaliyetini gerçekleştirmede için sonuçlar teslim alınan numune için geçerlidir. Bilginin müşteri tarafından sağlandığı durumlar hariç, bulguda verilen tüm bilgilerden laboratuvarımız sorumludur. Bu bulgu (üst yazı ve ekler dahil), müşteri tarafından sağlanan numuneye ait tanım, talimat, bilgi, materyal ve/veya koşullar temelinde bulguda belirtilen müşterinin talebine uygun olarak münhasır kullanımı için hazırlanmıştır. Analiz sonuçları yukarıda belirtilen numune için geçerlidir.

The whole and/or the part of this document shall not be reproduced and shall not be shared with third parties, nor to be used for juridical - official and PR activities without the written permission of INTERTEK Test Hizmetleri A.S. Customer informations and sample informations are provided by Intertek's Customer. The results are valid for the received sample since the laboratory does not perform the sampling activity. The laboratory shall be responsible for all the information provided in the document, except when information is provided by the customer. This document (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the document and on the basis of instructions, informations, conditions and/or materials supplied by Intertek's Customer. The results given herein apply to the submitted sample only.

Bulgu Sonu / **End of document**

Intertek Test Hizmetleri A.S.

Merkez Mahallesi Sanayi Caddesi No:23 Altındağ Plaza
Yenibosna - İstanbul 34197

web: <https://www.intertek-turkey.com/sectorler/gida-ve-tarim>

Tel : 0 212 496 47 80

Faks : 0 212 652 36 02

e-mail: intertek.turkey@hs01.kep.tr, foodlab.turkey@intertek.com

Sayfa / Toplam Sayfa 3/3
Page / Total Pages

TEST REPORT

Applicant: MODERN OLUKLU MUKAVVA AMBALAJ TIC.
VE SAN A S
ATATURK MH ERTUGRULGAZI SK
METROPOL ISTANBUL SIT C2 BLOK NO:2/A
ATASEHIR ISTANBUL TURKEY

Number: HKGH03360408

Date: May 22, 2026

Sample and Information provided by customer :

Item Name : **Oluklu Mukavva Kutu**
Style : **261006724**
Quantity : 1 Piece
Buyer : Modern Oluklu Mukavva Ambalaj Tic.ve San A.S.
Country of Origin : N/A



For and on behalf of :
Intertek Testing Services HK Ltd.

Dorothy M.Y. Lau
Vice President



Page 1 of 4



TEST REPORT

Number : HKGH03360408

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) 94/62/EC and its amendment (packaging and packaging waste)	Pass
- Toxic elements test	
Regulation (EU) 2025/40 (packaging and packaging waste)	Pass
- Toxic elements test	
(2) Regulation (EU) no. 2025/40 on packaging and packaging waste	Pass
- Per- and Polyfluorinated Alkyl Substances (PFAS) – Total Fluorine Content	

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc>.

If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



Page 2 of 4



TEST REPORT

Number : HKGH03360408

(1) Toxic Elements Analysis

Test Method : Acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

	Result (ppm)	Limit (ppm)
	(1)	
Total Lead (Pb)	<5	--
Total Cadmium (Cd)	<5	--
Total Mercury (Hg)	<5	--
Chromium VI (Cr (VI))	<5	--
Sum of Lead, Cadmium, Mercury and Chromium Cr (VI)	<20	100

The above limit was quoted according to the 94/62/EC and its amendment (packaging and packaging waste) and Regulation (EU) 2025/40 (packaging and packaging waste).

Tested Component:

- (1) Light brown paper board with blue/ black printings (paper board) (packaging).

Date sample received : May 18, 2026

Test Period : May 18, 2026 to May 19, 2026



Page 3 of 4

TEST REPORT

Number : HKGH03360408

(2) Total Fluorine Screening for PFAS Content

Test Method : With reference to EN 17813:2023, by Combustion Ion Chromatography.

Compound	Result (ppm)	Limit (ppm)
	(1)	
Total Fluorine	ND	50

The above limit was quoted according to article 5 clause 5(c) of Regulation (EU) no. 2025/40 for total fluorine as PFAS.

ND = Not detected
Detection limit = 20 ppm

ppm = parts per million = mg/kg

Tested Component:

(1) Light brown paper board with blue/ black printings (paper board) (packaging).

Date sample received : May 18, 2026

Test Period : May 18, 2026 to May 22, 2026

End of report

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to and subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Intertek is responsible for all the information provided in the reports, except when information is provided by the Client or when the Client requires the item to be tested acknowledging a deviation from specified conditions that can affect the validity of results.

The observations and test results in this report are relevant to the sample(s) tested and submitted by client. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Page 4 of 4



Certificate

Version: 2026:1

10.2.2026

Declaration of Compliance

<i>Trade names</i>	Core board and greyboard
<i>Product description</i>	Board containing recycled fibers, starch and small amount of other chemical additives
<i>Product grades</i>	P200-P1000 and Coreliner (P108)
<i>Fiber source</i>	100% recycled fiber. Mainly post-consumer fibers are used as raw material and used material can be both printed as well as unprinted.

Rcp purchase is based on EN643 standard. EN643 standard grades of recovered paper and board gives a general description of the standard grades by defining what they do and do not contain within the recovered paper.

Production site Corex Finland Oy, Pori Board Mill

Compliance with food contact legislation

Recycled fibers and food contact approved chemical additives are used as raw material in the manufacturing of core board/greyboard. All chemical additives are mentioned in the following regulations. Information below is based on the written confirmation of our chemical suppliers.

- European Regulation No 1935/2004/EC
- BfR Recommendation no XXXVI.B.VII.5; B.VII.9; B.VII.17; B.VI.5; B.VI.13; B.III.1-13; B.I.3.1; B.VIII.1-7; B.VII.b16; B.VII.b8; B.II; A.II.1-6,10
- US food contact legislation FDA, Title 21, §176.170, §176.180, §176.300, §176.210, §175.105, FCN 308
- European Regulation No 2023/2006/EC

Instructions for safe and appropriate use

Core boards are intended to be used as raw material for the cores and tubes and greyboards can be used in different kinds of packaging applications. Compliance testing for food contact is done regularly by independent research laboratory and the following information is based on their evaluation of representative samples of core board/greyboard.

- Core board/greyboard does not comply with the requirements of BfR Recommendation XXXVI, Paper and Board or EU Regulation 1935/2004/EC

Therefore core boards/greyboards cannot be used in direct contact with foodstuffs but they are suitable to be used in direct contact with food packaging material under dry conditions. However it is the responsibility of the food contact packaging material manufacturer to ensure that the final food contact material is safe to use in the intended conditions and in contact with foodstuffs.

Core board/greyboard analyses

Pentachlorophenol (PCP)

Analysis has been performed according to EN ISO 14154. The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Heavy metals

Core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Cadmium (Cd) < 5 µg/L
Lead (Pb) < 10 µg/L
Chromium (Cr) < 4 µg/dm²

Bisphenol A

Analysis has been performed according to DIN CEN/TS 13130-13. The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Phthalates

We hereby confirm that no phthalates are intentionally added in the production of core board/greyboard.
The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Formaldehyde

Analysis has been performed according to EN 1541. The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Primary aromatic amines (in cold water extract calculated as aniline hydrochloride)

Analysis has been performed according to WSBE-98. The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Benzophenone

The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Hemmhof test

Analysis has been made according to EN 1104. The core board/greyboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board.

Organic compounds (PFAS substances)

Analysis has been made according to method DIN 38414-14; 2011-08.
The result of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFNA, PFDA, Perfluoroundecanoic acid (PFUnDA, Perfluorododecanoic acid (PFDoDA), PFBS, PFHxS, PFOS and PFDS in the core board is less than 0,01 mg/kg.

Substances

Intentionally added shall mean deliberately utilized in the formulation of a material or component where its continued presence is desired in the final product to provide a specific characteristics, appearance or quality. Please note that we do not analyze the core board/greyboard for the substances listed below. Information below is based upon information given by our chemical suppliers.

GMO

We hereby confirm that Genetically Modified Organisms (GMO) as defined by European Union is not intentionally added in the production of core board/greyboard.

Animal origin

We hereby confirm that no additive of animal origin is intentionally added in the production of core board/greyboard.

BSE

We hereby confirm that no substances causing Transmissible Spongiform Encephalopathies, TSEs including Bovine spongiform encephalopathy, BSE and Creutzfeldt Jakob Disease, JCD is intentionally added in the production of core board/greyboard.

Food allergens

We hereby confirm that, with reference to the US FDA Food Allergen Labelling and Consumer Protection Act (FALCPA) and Regulation (EU) No 1169/2011 Annex II, the following food allergens or products derived thereof are not intentionally added for the manufacture of core board/greyboard:

- Cereals containing gluten and products thereof*
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof*
- Peanuts and products thereof
- Soybeans and products thereof*
- Milk and products thereof*
- Nuts and products thereof*
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites at concentrations that may cause transfer from food packaging into food exceeding 10 mg/kg expressed as SO₂.
- Lupin and products thereof
- Molluscs and products thereof

**Please notice the exceptions in Regulation (EU) No 1169/2011/EC Annex II*

According to our chemical supplier one chemical used in the core board/greyboard production might contain small amounts of gluten.

Surface biocides

We hereby confirm that no surface biocides are intentionally added in the production of core board/greyboard.

Packaging and Packaging Waste Directive

The core board/greyboard complies with the Packaging and Packaging Waste directive 94/62/EC as amended.

- The sum of lead, cadmium, mercury and hexavalent chromium in the core board is less than 100 ppm (EN 13428).
- The level of substances hazardous* to the environment in the core board/greyboard is less than 0.1 % (EN 13428).

* Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).

The core board/greyboard is suitable for recovery by ;

- Material recycling (EN 13430)
- Energy recovery (EN 13431)

REACH

Pori Board Mill's obligations under REACH are as a manufacturer of articles and as a downstream user.

Our chemical suppliers shall continuously follow the development of the Candidate List of Substances of Very High Concern, the substances for authorization as well as any restrictions applicable to our use.

To our knowledge and based on the information from our suppliers today we can confirm the following:

- Core board/greyboard does not contain any substances included on the ECHA Candidate List of SVHCs in a concentration above 0.1% (w/w)
- Core board/greyboard does not contain any substances included in Annex XIV.

Mineral oils

Mineral oil hydrocarbons (MOH) found in foodstuffs has raised questions about consumer safety. The detected mineral oil mixtures consist of saturated and aromatic hydrocarbons.

The abbreviation MOSH stands for "mineral oil saturated hydrocarbons". Aromatic hydrocarbons are known as MOAH, i.e. "mineral oil aromatic hydrocarbons".

Pori Board Mill's core board/greyboard is manufactured by using recycled fibres as raw material. Core board/greyboard contains mainly post-consumer fibres which can be either printed or unprinted. Mineral oil content has been tested from our board by an independent laboratory but due to analytical method, which is not yet evaluated nor validated, we prefer not to state any typical level of MOH substances in our core board/greyboard. Until a validated method exists, analytical data can have a high and unknown variation. The number of measurements is also very limited.

Certified management systems at the production site

Core board/greyboard production, Pori Board Mill

ISO 9001

ISO 14001

ISO 45001

EES+

FSC

Storage and handling requirements

In order to secure and ensure product safety and quality the product must be well wrapped and stored indoor under normal conditions and good protection, sheltered from rain and snow. We recommend converting of the paperboard within 12 months from manufacturing date and after this time rights of claims normally disappear.

Disclaimer

It is the responsibility of the paper and/or board manufacturer, who are using the core board/greyboard manufactured by us, to ensure that the final food contact material is safe to use in the intended end uses and they are also obligated to ensure that the final food contact material will meet all relevant regulatory and legislative requirements, specifications and limitations in the intended application. This certificate and its contents are subject to the following additional limitations and disclaimers:

- *Based on reasonable investigations, the information set out herein is accurate to our current knowledge only. We take no responsibility for information that has been provided to us by our suppliers and on which we have relied when producing the information contained herein.*
- *This certificate is only valid as of its date of publication and, for the avoidance of doubt, we assume no liability for subsequent changes in information, contents, processes, regulatory requirements or otherwise.*
- *This certificate is only valid to the extent it has been signed and delivered by an authorized employee of the Pori Board Mill.*
- *Nothing in this certificate shall be interpreted as a warranty (direct or implied) with respect to (a) anything beyond what is expressly set out herein, (b) the merchantability or fitness for a particular purpose, (c) the use, or the suitability for use, in connection with other products or materials, or (e) the safety or legality in any use, processing and handling of our products.*

February 10th, 2026
(Date of issue)

Manager, HSEQ

.....
(Signature)

Liisa Selander

Declaration: PFAS Free Declaration**Product Name: Cardboard Reel, Cardboard Roller, Cardboard Coil, POY, Textured, Spindle Tube**

By us (Corex Turkey Packaging Inc.) referring to Regulation (EU) 2025/40 (PPWR) and other relevant EU legislation;

We confirm that the above-mentioned products, in accordance with our production process knowledge and the specifications of our raw material suppliers, do not intentionally contain any substance listed in Regulation (EU) 2025/40 (PPWR) or other relevant legislation, nor any other perfluorinated component or impurity.

Stamp Signature:

COREX TURKEY AMBALAJ SAN. VE TİC. A.Ş.
Mrk : Bursa Fethiye Organize Sanayi Bölgesi
Turkuaz Cd. No:31 Nilüfer / BURSA
Tel : 0 224 411 15 40 - Fax: 0 224 411 15 42
Ertuğrulgazi V.D. 212 046 2350
Şube: Ergene 1 Vakıflar OSB Mah. 7. Sk. No:13
Ergene 59030 - TEKİRDAĞ

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 1 of 10

MPS METAL PLASTİK SAN. ÇEMBER VE PAKETLEME SİSTEMLERİ İMALAT VE TİC. A.Ş.

DİLOVASI OSB MAH. D-5007 SK. MPS BLOK NO: 18-20 İÇ KAPI NO: 1 41455 DİLOVASI/KOCAELİ

TEL: 0549 836 67 20

FAX: 0262 648 98 98

To the attention of Musa Kaplan

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	PET STRAP

Client's reference No. : TR 2427362
Colour : GREEN
Manufacturer : MPS METAL PLASTİK SAN. ÇEMBER VE PAKETLEME SİSTEMLERİ
İMALAT VE TİC. A.Ş.
Sample Receiving Date : 15 January 2024
Test Performing Period : 15 January 2024~28 February 2024

Overall Conclusion : PASS

Test Results : Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 2 of 10

Test Parameters	Result
Chemical tests	A1
Perfluorinated and Perfluorinated Compounds (PFCs) Chemicals (PFAS) - All materials	M

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

RAVİYE MUTLU
Customer Services Supervisor

Bora Şirinbilek
Hardline C&H Testing Services Manager




Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	PET STRAP	A1	Strap	Plastic	Green

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 3 of 10

Perfluorinated and Perfluorinated Compounds (PFCs) Chemicals (PFAS) - All materials¹

Test Method: With reference to EN ISO 23702-1:2023, EN 17681-1:2022 and EN 17681-2:2022. Analysis was conducted by HPLC-MS/MS and GC-MS.

Test result per sample surface area unit	Result	
	CAS-No.	A1
PFOS, its salts and related compounds		
Perfluorooctanesulfonic acid (PFOS), its salts [#]	1763-23-1	n.d.
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	n.d.
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	n.d.
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	n.d.
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24448-09-7	n.d.
Perfluorooctane sulfonamide (PFOSA)	754-91-6	n.d.
Sum of PFOS, its salt and related compounds	-	n.d.

Test result per sample mass unit	Result	
	CAS-No.	A1
PFOA, its salts		
Perfluorooctanoic acid (PFOA), its salts [#]	335-67-1	n.d.
PFOA-related compounds		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) @	39108-34-4	n.d.
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	n.d.
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) @	27905-45-9	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) @	1996-88-9	n.d.
Perfluoro-1-iodooctane (PFOI)	507-63-1	n.d.
2H,2H Perfluorodecane Acid (H ₂ PFDA / 8:2 FTCA) @, its salts [#]	27854-31-5	n.d.
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH) @	678-39-7	n.d.
Sum of PFOA-related compounds	-	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 4 of 10

Test result per sample mass unit	CAS-No.	Result
		A1
C9-C14 PFCA, its salts		
Perfluorononane Acid (PFNA), its salts [#]	375-95-1	n.d.
Perfluorodecane Acid (PFDA), its salts [#]	335-76-2	n.d.
Perfluoroundecanoic Acid (PFUnDA), its salts [#]	2058-94-8	n.d.
Perfluorododecanoic Acid (PFDoDA), its salts [#]	307-55-1	n.d.
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	n.d.
Perfluorotetradecanoic Acid (PFTDA)	376-06-7	n.d.
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	n.d.
Sum of C9-C14 PFCA, its salts	-	n.d.
C9-C14 PFCA-related substances		
Perfluorodecane sulfonic Acid (PFDS), its salts [#]	335-77-3	n.d.
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	n.d.
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	n.d.
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	n.d.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	n.d.
2H,2H,3H,3H-Perfluoroundecanoic Acid (H ₄ PFUnDA / 8:3 FTCA), its salts [#]	34598-33-9	n.d.
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	n.d.
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	n.d.
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	n.d.
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	n.d.
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	n.d.
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) [@]	39108-34-4	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) [@]	27905-45-9	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) [@]	1996-88-9	n.d.
2H,2H Perfluorodecane Acid (H ₂ PFDA / 8:2 FTCA) [@] , its salts [#]	27854-31-5	n.d.
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH) [@]	678-39-7	n.d.
Sum of C9-C14-related substances	-	n.d.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 5 of 10

Test result per sample mass unit	Result	
	CAS-No.	A1
PFHxS, its salts		
Perfluorohexanesulfonic acid (PFHxS), its salts [#]	355-46-4	n.d.
PFHxS-related compounds		
N-Methylperfluoro-1-hexane sulfonamide (N-MeFHxSA)	68259-15-4	n.d.
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	n.d.
N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	n.d.
2-[methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA)	67584-57-0	n.d.
Sum of PFHxS-related compounds	--	n.d.
Conclusion	--	PASS

Note: n.d. = not detected
 @ PFAS classified as both PFOA-related compounds and C9-C14 PFCA-related substances
 # Substances refer to its salts/derivative listed in Appendix 1
 * = Exceeds the limit

Reporting limit:

PFOS, its salts and related compounds = 1 µg/m²
 PFOA, its salts = 10 ppb = 0.01 mg/kg
 PFOA-related compounds = 100 ppb (each) = 0.10 mg/kg (each)
 C9-C14 PFCA, their salts = 10 ppb (each) = 0.01 mg/kg (each)
 C9-C14 PFCA-related substances = 100 ppb (each) = 0.10 mg/kg (each)
 PFHxS, its salts = 10 ppb = 0.01 mg/kg
 PFHxS-related compounds = 100 ppb (each) = 0.10 mg/kg (each), except N-MeFHSEA = 500 ppb = 0.50 mg/kg
 PFHxA, its salts = 100 ppb = 0.10 mg/kg
 Other PFAS = 1000 ppb = 1 mg/kg (each)

Requirement:

PFOS, its salts and related compounds
 Textile or other coated materials 1 µg/m²
 Recommended requirement with reference to commission regulation (EU) 2019/1021 ; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

PFOA, its salts 25 ppb (0.025 mg/kg)
 PFOA-related compounds 1 mg/kg (each or total)

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 6 of 10

Recommended requirement with reference to Regulation (EU) 2020/784 amending Annex I to Regulation (EU) 2019/1021; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

C9-C14 PFCA, their salts 25 ppb (0.025 mg/kg) (total)

C9-C14 PFCA-related substances 260 ppb (0.26 mg/kg) (total)

Recommended requirement with reference to commission regulation (EU) 2021/1297 amending Annex XVII to Regulation (EC) 1907/2006. (Effective date: 25th February 2023); and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

PFHxS, its salts 25 ppb (0.025 mg/kg)

PFHxS-related compounds 1 mg/kg (each or total)

Recommended requirement with reference to Regulation (EU) 2023/1608 amending Annex I to Regulation (EU) 2019/1021; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81

Other PFAS Information only

Requirement:

All listed PFAS Information only

Appendix 1 – List of PFAS its salts & derivatives

Note: Salts of listed PFAS is subjected to the detection of its parent PFAS

Substances	CAS No.	Substances	CAS No.
PFOA, its salts & derivatives			
Perfluorooctanoic Acid (PFOA)	335-67-1	Silver perfluorooctanoate (PFOA-Ag)	335-93-3
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	Perfluorooctanoyl fluoride (PFOA-F)	335-66-0
Potassium perfluorooctanoate (PFOA-K)	2395-00-8	Ammonium perfluorooctanoate (APFO)	3825-26-1
8:2 FTCA, its salts			
2H,2H Perfluorodecane Acid (H ₂ PFDA / 8:2 FTCA)	27854-31-5	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7
PFOS, its salts & derivatives			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH ₂ (C ₂ H ₄ OH) ₂)	70225-14-8
Potassium perfluorooctane sulfonate (PFOS-K)	2795-39-3	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄)	56773-42-3
Sodium perfluorooctane sulfonate (PFOS-Na)	4021-47-0	Didecyl dimethyl ammonium perfluorooctane sulfonate (PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂)	251099-16-8
Lithium perfluorooctane sulfonate (PFOS-Li)	29457-72-5	Magnesium bis(heptadecafluoro octanesulphonate) (PFOS-Mg)	91036-71-4
Ammonium perfluorooctane sulfonate (PFOS-NH ₄)	29081-56-9	Perfluoro-1-octanesulfonyl fluoride (PFOS-F)	307-35-7
PFNA, its salts			
Perfluorononane Acid (PFNA)	375-95-1	Potassium perfluorononanoate (PFNA-K)	21049-38-7
Sodium heptadecafluorononanoate (PFNA-Na)	21049-39-8	Lithium perfluorononanoate (PFNA-Li)	60871-92-3
Perfluorononanoate ammonium salt (PFNA-NH ₄)	4149-60-4		
PFDA, its salts			
Perfluorodecane Acid (PFDA)	335-76-2	Perfluorodecanoate ammonium salt (PFDA-NH ₄)	3108-42-7

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 7 of 10

Sodium nonadecafluorodecanoate (PFDA-Na)	3830-45-3	Potassium perfluorodecanoate (PFDA-K)	51604-85-4
PFUnDA, its salts			
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5
Sodium perfluoroundecanoate (PFUnDA-Na)	60871-96-7		
PFDODA, its salts			
Perfluorododecanoic Acid (PFDODA)	307-55-1	Ammonium tricosafuorododecanoate (PFDODA-NH ₄)	3793-74-6
PFDS, its salts			
Perfluorodecane sulfonic Acid (PFDS)	335-77-3	Potassium perfluorodecanesulfonate (PFDS-K)	2806-16-8
Sodium perfluorodecanesulfonate (PFDS-Na)	2806-15-7	Perfluorodecanesulfonic acid ammonium salt (PFDS-NH ₄)	67906-42-7
8:3 FTCA, its salts			
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA)	34598-33-9	Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1
PFHxS, its salts & derivatives			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	Bis(4-tert-butylphenyl)iodanium tridecafluorohexane-1-sulfonate	213740-81-9
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt (PFHxS-Na)	82382-12-5	Bis(4-methylphenyl)(phenyl)sulfonium tridecafluorohexane-1-sulfonate	341548-85-4
Potassium perfluorohexane-1-sulphonate (PFHxS-K)	3871-99-6	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with perfluorohexanesulfonic acid (1:2)	421555-73-9
Perfluorohexane Sulfonic acid, lithium salt (PFHxS-Li)	55120-77-9	Perfluorohexanesulfonic acid, Gallium(3+) salt (3:1) (PFHxS-Ga)	341035-71-0
Perfluorohexane Sulfonic acid, ammonium salt (PFHxS-NH ₄)	68259-08-5	Perfluorohexanesulfonic acid, Scandium(3+) salt (3:1) (PFHxS-Sc)	350836-93-0
Benzyltriphenylphosphonium tridecafluorohexane-1-sulfonate (PFHxS-BTPP)	1000597-52-3	Perfluorohexanesulfonic acid, Neodymium(3+) salt (3:1) (PFHxS-Nd)	41184-65-0
N,N,N-Tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	108427-54-9	Perfluorohexanesulfonic acid, Yttrium(3+) salt (3:1) (PFHxS-Y)	41242-12-0
Tetraethylammonium perfluorohexane sulfonate	108427-55-0	Cesium perfluorohexanesulfonate (PFHxS-Cs)	92011-17-1
Tridecafluorohexane-1-sulfonic acid-pyrrolidine	1187817-57-7	Perfluorohexanesulfonic acid, Zinc salt (PFHxS-Zn)	70136-72-0
4-[[4-(Diethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-diethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-24-0	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, perfluorohexanesulfonate (1:1)	421555-74-0
4-[[4-(Dimethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-27-3	Tris(4-tert-butylphenyl)sulfonium tridecafluorohexane-1-sulfonate	425670-70-8
4-[[4-(Dimethylamino)phenyl][4-(phenylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-28-4	Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	1329995-45-0	Triethylammonium perfluorohexane sulfonate	72033-41-1
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	1329995-69-8	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with perfluorohexanesulfonic acid (1:1)	866621-50-3

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 8 of 10

Triphenylsulfonium tridecafluorohexane-1-sulfonate (TPS-PFHxS)	144116-10-9	(4-Methylphenyl)diphenylsulfonium tridecafluorohexane-1-sulfonate	910606-39-2
1-(Carboxymethyl)-4-(2-{4-[4-(2,2-diphenylethyl)phenyl]-1H,2H,3H,3aH,4H,8bH-cyclopenta[b]indol-7-yl}ethenyl)quinolin-1-ium tridecafluorohexane-1-sulfonate	1462414-59-0	{4-[(2-Methylprop-2-enoyl)oxy]phenyl}diphenylsulfonium tridecafluorohexane-1-sulfonate	911027-68-4
Diphenyliodonium tridecafluorohexane-1-sulfonate	153443-35-7	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexane sulfonate (1:1)	928049-42-7
Tetramethylammonium perfluorohexane sulfonate (PFHxS-TMA)	189274-31-5	Perfluorohexylsulfonate fluoride (PFHxS-F)	423-50-7
Tert-butylazanium;1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	202189-84-2	Perfluorohexylsulfonate chloride (PFHxS-Cl)	55591-23-6
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexane sulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5		
PFHxA, its salts & derivatives			
Perfluorohexane Acid (PFHxA)	307-24-4	Potassium perfluorohexanoate (PFHxA-K)	3109-94-2
Ammonium perfluorohexanoate (APFHx)	21615-47-4	Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4
Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4		
PFBA, its salts			
Perfluorobutane Acid (PFBA)	375-22-4	Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0
Sodium perfluorobutanoate (PFBA-Na)	2218-54-4	Silver perfluorobutanoate (PFBA-Ag)	3794-64-7
Potassium heptafluorobutanoate (PFBA-K)	2966-54-3		
PFBS, its salts & derivatives			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	Tetrabutyl-phosphonium perfluorobutanesulfonate	220689-12-3
Potassium perfluorobutanesulfonate (PFBS-K)	29420-49-3	N,N,N,-Triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4
Perfluorobutane sulfonic acid hydrate (PFBS-H ₂ O)	59933-66-3	N-Morpholinium perfluorobutanesulfonate	503155-89-3
Sodium perfluorobutanesulfonate (PFBS-Na)	60453-92-1	Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanedisulfonate	194999-85-4
Lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-18-2
Ammonium perfluorobutanesulfonate (PFBS-NH ₄)	68259-10-9	Perfluorobutanesulfonyl fluoride (PFBS-F)	375-72-4
Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3	Perfluorobutanesulphonyl chloride (PFBS-Cl)	2991-84-6
Triphenylsulfonium perfluorobutanesulfonate (TPS-PFBS)	144317-44-2		

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 9 of 10

PFPeA, its salts			
Perfluoropentane Acid (PFPeA)	2706-90-3	Potassium perfluoropentanoate (PFPeA-K)	336-23-2
Sodium perfluoropentanoate (PFPeA-Na)	2706-89-0	Ammonium perfluoropentanoate (PFPeA-NH ₄)	68259-11-0
PFHpA, its salts			
Perfluoroheptane Acid (PFHpA)	375-85-9	Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5
Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5	Ammonium perfluoroheptanoate (PFHpA-NH ₄)	6130-43-4
PFHpS, its salts			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	Potassium perfluoroheptanesulfonate (PFHpS-K)	60270-55-5
Sodium perfluoroheptanesulfonate (PFHpS-Na)	21934-50-9	Ammonium perfluoroheptanesulfonate (PFHpS-NH ₄)	68259-07-4
HFPO-DA, its salts & derivatives			
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (HFPO-DA)	13252-13-6	Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate (HFPO-DA-K)	67118-55-2
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, ammonium salt (HFPO-DA-NH ₄)	62037-80-3	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionyl fluoride (HFPO-DA-F)	2062-98-8
PFPeS, its salts			
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	Potassium perfluoropentane-1-sulphonate (PFPeS-K)	3872-25-1
Sodium perfluoropentanesulfonate (PFPeS-Na)	630402-22-1	Ammonium perfluoropentanesulfonate (PFPeS-NH ₄)	68259-09-6
PFNS, its salts			
Perfluorononane sulfonic acid (PFNS)	68259-12-1	Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5
Sodium perfluorononanesulfonate (PFNS-Na)	98789-57-2	Ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4
PFDoDS, its salts			
Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	Sodium perfluorododecanesulfonate (PFDoDS-Na)	1260224-54-1
PFTrDS, its salts			
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	Sodium perfluorotridecanesulfonate (PFTrDS-Na)	174675-49-1
8:2 diPAP, its salts			
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP)	678-41-1	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na)	114519-85-6

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

TEST REPORT

Job No./Report No TR2427362

Date: 28 February 2024

Page 10 of 10



* * *

End of Test Report

* * *

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-and-conditions/terms-e-document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unsigned test reports are considered invalid. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. If it is important for the test result, the environmental conditions are specified in the test result table.

SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.



Product Name: Paper Tube
Description : Paper tube is containing out of %100 recycled core board, dextrin glue and small amount of other chemicals.
Product Type : Starting from Ø35 ID up to Ø 700 OD Spiral winded paper tube
Manufacturer: Corex Turkey A.Ş.

We as Corex Turkey, hereby confirm that our paper cores are %100 part of post-consumer recycling cycle.

July 01th, 2026

(Date of issue)

Quality Systems Manager

A handwritten signature in blue ink, appearing to read 'Murat BOZ', written over a horizontal dotted line.

(Signature)

Murat BOZ

MPS Metal Plastik Sanayi ember ve Paketleme Sistemleri İmalat ve Tic. A.Ş.
MPS Blok, Dilovası OSB Mah. D, 5007 Sk No:18-20 İç Kapı No:1, 41455 Dilovası/Kocaeli
<https://mpsmetal.com.tr>

EU DECLARATION OF CONFORMITY No ...

In accordance with Regulation (EU) 2025/40 on packaging and packaging waste – Article 39

1. No: Pallet number is unique for per pallet
2. Name and address of the manufacturer and, where applicable, the manufacturer's authorised representative:

MPS Metal Plastik Sanayi ember ve Paketleme Sistemleri İmalat ve Tic. A.Ş.
info@mpsmetal.com.tr

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.
4. Object of the declaration (identification of the packaging allowing traceability):
description of the packaging:

Stock Code	3TA20134SPC
Quantity of box per pallet	32
Seal Weight(5000 pcs.) - gr	27000
Pallet Measurement (mm)	800x1100
Box Weight - gr	400
Bracket -gr	500
Stretch - gr	200
Packaging Weight - gr	1100
Gross Weight (coil)	27400

Stock Code	3T70WG32A4
Quantity of box per pallet	50
Seal Weight(250 pcs.) - gr	21250
Pallet Measurement (mm)	800x1100
Box Weight - gr	400
Bracket -gr	500
Stretch - gr	200
Packaging Weight - gr	1100
Gross Weight (coil)	21650

Stock Code	3TA201114P
Quantity of box per pallet	32
Seal Weight(1000pcs.) - gr	2700
Pallet Measurement (mm)	800x1100
Box Weight - gr	500
Bracket -gr	500
Stretch - gr	200
Packaging Weight - gr	1200
Gross Weight (coil)	3200

Stock Code	3CA32080BSJA2
Quantity of coil per pallet	2
Coil Weight	430
Pallet Measurement (mm)	800X800x501
Box Weight - gr	645
Packaging Weight - gr	645
Gross Weight (coil)	431

Stock Code	3CA32080BRWA2
Quantity of coil per pallet	22
Coil Weight	45
Pallet Measurement (mm)	600x670x823
Box Weight - gr	645
Packaging Weight - gr	645
Gross Weight (coil)	45,5

Stock Code	3CA32080ZRWA2
Quantity of coil per pallet	22
Coil Weight	45
Pallet Measurement (mm)	600x670x823
Box Weight - gr	645
Packaging Weight - gr	645
Gross Weight (coil)	45,5

Stock Code	3PET19100S2100C1
Quantity of coil per pallet	52
Coil Weight	24,8
Pallet Measurement (mm)	1200x1200x2090
Bobbin - gr	1050
Bracket -gr	500
Top Sheet Nylon - gr	4,5
Stretch - gr	500
Packaging Weight - gr	2079,9
Gross Weight (coil)	27,0

Stock Code	3PET19080W2100C1
Quantity of coil per pallet	52
Coil Weight	18,0
Pallet Measurement (mm)	1140x1140x2090
Bobbin - gr	1050
Bracket -gr	500
Top Sheet Nylon - gr	4,5
Stretch - gr	500
Packaging Weight - gr	2079,9
Gross Weight (coil)	20,1

Stock Code	3PET19100L2100C2
Quantity of coil per pallet	52
Coil Weight	19,6
Pallet Measurement (mm)	1200x1200x2090
Bobbin - gr	1050
Bracket -gr	500
Top Sheet Nylon - gr	4,5
Stretch - gr	500
Packaging Weight - gr	2074,1
Gross Weight (coil)	21,8

Stock Code	3LCHD320300A4
Quantity of coil per pallet	90
Coil Weight	9,8
Pallet Measurement (mm)	1140x1140x2090
Bobbin - gr	420
Bracket -gr	500
Top Sheet Nylon - gr	4,5
Stretch - gr	550
Packaging Weight - gr	1474,5
Gross Weight (coil)	10,8

5. The object of the declaration referred to point 4 is in conformity with the relevant Union harmonisation legislation: Regulation (EU) 2025/40 on packaging and packaging waste
6. References to the relevant harmonised standards or the common specifications used or references to the other technical specifications in relation to which conformity is declared:

The requested documents will also be provided as needed.

7. Where applicable, the notified body ... (name, address, number) ... performed ... (description of intervention) ... and issued the certificate(s): ... (details, including the date of the certificate(s), and, where appropriate, information on the duration and conditions of validity).
8. Additional information Signed for and on behalf of:

(place and date of issue): MPS / 17.06.2026
(name, function) (signature): Oğuz KELEŞ / Quality Supervisor

M.P.S. Metal-Plastik Sanayi Çember ve Paketleme Sistemleri İmalat ve Ticaret Anonim Şirketi
Dilovası OSB Mah. 5.Kısım D-5007 Sokak
18-20 MPS Blok İç Kapı No:1 Dilovası/TÜRKİYE
Tic. Sic. No: 270900 / Mers: 0810001548989899
Tic. Sic. No: 270900 / Mers: 0810001548989899