



Test
TS EN ISO/IEC 17025
AB-0342-T

AB-0342-T

144435830

05/26



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Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

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Deney Raporu
Test report

Müşterinin adı/adresi
Customer name/address

T.C.TİCARET BAKANLIĞI MARMARA BÖLGE / DIŞ TİC.KOMPLEKSİ D BLOK K:3
ÇOBANÇEŞME MEVKİİ, SANAYİ CAD. YENİBOSNA-İSTANBUL, Türkiye

Alıcı Adı
Buyer name

(Importer: OZAN IŞIK BMD TEKSTİL)

Sipariş/Artikel Numarası
Order/Article No.

A26572446 TAREKS / Black dress

Numunenin adı ve tarifi
Name and identity of test item

Black dress

Numunenin kabul tarihi
Date of receipt of test item

2026-04-16

Açıklamalar
Remarks

The results given in this test report belong to the received sample by vendor.

Proje tarihi
Project date

2026-04-16 to 2026-05-06

Raporun Sayfa Sayısı
Number of pages of the Report

12

Test Kapsamı
Test Scope

Regulation on Import Control of Textile, Apparel & Leather Products
(Product Safety and Control (2026/18) Standard Operation Procedure for
Determination of Total Lead & Total Cadmium & PAHs & Azo Dyes &
Flame Retardants & AP + APEO & DMFu & DOT & Nickel Release.

Test Sonucu
Test Result

PASS

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş. accredited by TÜRKAK under registration number AB-0342-T for ISO/IEC 17025-2017 as test laboratory
The Turkish Accreditation Agency (TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of the test reports.
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following, pages which are part of this report

Tarih
Date

**CR Assistant Manager &
Project Manager**

Chemical Laboratory Manager

2026-05-06



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This test report is signed by digital signature.

TÜV Rheinland testing laboratories apply the Zero Guard band rule for statement of conformity evaluation, unless other decision rule is required by the customer.

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Test Result Summary :**Test Specification:**

- 1 Banned azo dyes
- 2 Organotin Compounds content
- 3 AP + APEO (Alkylphenols, Alkylphenol Ethoxylates)
- 4 Dimethyl fumarate
- 5 Flame Retardants
- 6 Total Lead & Total Cadmium
- 7 Nickel Release
- 8 Polycyclic aromatic hydrocarbons
- 9 Chromium VI

Test result:

PASS
PASS
PASS
PASS
PASS
PASS
PASS
PASS
N/A

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1. Photo



2. List of Materials

Material List:

Material No.	Material	Color	Location
M001	Plastic	Black	Zipper teeth
M002	Textile	Black	Main base
M003	Textile	Black	Padding lining
M004	Textile	Black	Zipper tape
M005	Metal	Golden	Upper applique
M006	Metal	Black	Puller
M007	Metal	Black	Slider

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1. Banned azo dyes

Test Method: Method 1 - EN ISO 14362-1:2017 (Textiles) (Buffer extraction)
 Method 2 - EN ISO 14362-1:2017 (Textiles) (Xylene extraction)
 Method 3 - ISO 17234-1:2024 (Leather)
 Method 4 - EN ISO 14362-3:2017 (Textile, 4-aminoazobenzene confirmation)
 Method 5 - ISO 17234-2:2011 (Leather, 4-aminoazobenzene confirmation)

Test Results:

		Material No.				M002 + M003 + M004
		Test No.				T001
		Method No.				Method 3
		A22 Confirmation Method No.				--
ID	Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	n.d.
A2	Benzidine	92-87-5	mg/kg	5	30	n.d.
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	n.d.
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	n.d.
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	n.d.
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	n.d.
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	n.d.
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	n.d.
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	n.d.
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	n.d.
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	n.d.
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	n.d.
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	n.d.
A14	p-Cresidine	120-71-8	mg/kg	5	30	n.d.
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	n.d.
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	n.d.
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	n.d.
A18	o-Toluidine	95-53-4	mg/kg	5	30	n.d.
A19	4-methyl-m-phenylenediamine / 2,4-Toluyldiamine	95-80-7	mg/kg	5	30	n.d.
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	n.d.
A21	O-Anisidine	90-04-0	mg/kg	5	30	n.d.
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	n.d.
A23^	2,4-xylidine	95-68-1	mg/kg	5	30	n.d.
A24^	2,6-xylidine	87-62-7	mg/kg	5	30	n.d.

Abbreviation: < = less than
 RL = Reporting Limit
 mg/kg = milligram per kilogram

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Remark:

- * The CAS-number 97-56-3 (A5) and 99-55-8 (A6) are further reduced to CAS-number 95-53-4 (A18) and 95-80-7 (A19).
- ** Azo colorants that are able to form 4-aminoazobenzene (A22) CAS-number 60-09-3, generate under the condition of this method Aniline (CAS-number 62-53-3) and 1,4-phenylenediamine (CAS-number 106-50-3.)
- *** Azo colorants that are able to form 4-aminoazobenzene (A22), is confirmed by EN ISO 14362-3:2017 / ISO 17234-2:2011.
- **** Azo colorants are detected & quantified by GC/MS and confirmed by HPLC/DAD or HPLC/MSMS.
- *1 Azo colorants A1 - A22 being tested according to REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)

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2. Organotin Compounds content

Test Method: Organic solvent extraction, GCMS
ISO / TS 16179(2012)

Test Result:

Test No.				T001	T002
Material No.				M002 + M003 + M004	M001
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result
DOT (Diocetyl tin)	%	0.01	0.1	n.d.	n.d.

Abbreviation: < = less than
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mg/kg = milligram per kilogram

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3.AP + APEO (Alkylphenols, Alkylphenol Ethoxylates)

Test Method: ISO 18254-1:2016
NP and OP: Organic solvent extraction, GCMS
NPEO and OPEO: Organic solvent extraction, LC-MS

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002 + M003 + M004	Nonylphenols (NP)	%	0.00 1	0.01	n.d.
		Octylphenols (OP)	%	0.00 1	0.01	n.d.
		Nonylphenoethoxylates (NPEO)	%	0.00 1	0.01	n.d.
		Octylphenoethoxylates (OPEO)	%	0.00 1	0.01	n.d.

Abbreviation: n.d. = not detected (< Reporting Limit)
RL = Reporting Limit
mg/kg = milligram per kilogram
NA = Not Applicable

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4.Dimethyl fumarate

Test Method: Organic solvent extraction, GCMS analysis

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002 + M003 + M004	Dimethyl fumarate	mg/kg	0.025	0.1	n.d.

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

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5. Flame Retardants**Test Method:** Organic solvent extraction, analyzed by GCMS & LCMS**Test Result:**

Test No.					T001
Material No.					M002 + M003 + M004
Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result
Octabromodiphenyl ether (OctaBDE)	32536-52-0	mg/kg	0.01	<1000	n.d.
Polybrominated Biphenyls (PBBs)	59536-65-1	mg/kg	0.01	Not permitted	n.d.
Tris-(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	mg/kg	0.01	Not permitted	n.d.
Tris-azirdinyl phosphine oxide (TEPA)	545-55-1	mg/kg	0.01	Not permitted	n.d.

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

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6.Total Lead & Total Cadmium

Test Method: Acid digestion, analyzed by ICP-MS

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M001	Lead	%	0.001	0.05	n.d.
		Cadmium	%	0.001	0.01	n.d.
T002	M005	Lead	%	0.001	0.05	n.d.
		Cadmium	%	0.001	0.01	n.d.
T003	M006	Lead	%	0.001	0.05	0,0023
		Cadmium	%	0.001	0.01	n.d.
T004	M007	Lead	%	0.001	0.05	n.d.
		Cadmium	%	0.001	0.01	n.d.

Abbreviation: n.d. = not detected (< Reporting Limit)
RL = Reporting Limit
ppm = parts per million
mg/kg = milligram per kilogram

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7. Nickel Release

Test Method: Nickel - According to EN 12472:2020 & EN 1811:2023
The tests have been performed in succession.

Test Result :

Test No.	Material No.	Trial	Surface area (cm ²)	Test solution volume (ml)	Dilution volume (ml)	Nickel released (µg/cm ² /week)	RL (µg/cm ² /week)	Regulatory Requirement (µg/cm ² /week)
T001	M006	1	1,3	3	10	n.d.	0.1	0.5
		2	1,3	3	10	n.d.	0.1	0.5
		3	1,3	3	10	n.d.	0.1	0.5
T002	M007	1	3,6	5	10	n.d.	0.1	0.5
		2	3,6	5	10	n.d.	0.1	0.5
		3	3,6	5	10	n.d.	0.1	0.5

Abbreviation: < = less than
RL = Reporting Limit
ml = milliliters
cm² = square centimeters
µg·cm⁻²·week⁻¹ = micrograms per square centimeter per week (µg/cm²/week)

Remark:

- *1 The sample of trial 1, 2 and 3 were tested according to EN 1811:2023
*2 The sample of trial 4, 5 and 6 were tested according to EN 12472:2020 & EN 1811:2023

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8. Polycyclic aromatic hydrocarbons

Test Method: AfPS GS 2019:01 PAK

Test Result:

Test No.				T001
Material No.				M001
Test Parameter	CAS NO	Unit	RL	Result
Benzo[a]anthracene	56-55-3	mg/kg	0.1	n.d.
Benzo[a]pyrene(BaP)	50-32-8	mg/kg	0.1	n.d.
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	n.d.
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	n.d.
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	n.d.
Benzo[e]pyrene	192-97-2	mg/kg	0.1	n.d.
Chrysene	218-01-9	mg/kg	0.1	n.d.
Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.1	n.d.

Abbreviation: < = less than
RL = Reporting Limit
NA = Not Applicable
mg/kg = milligram per kilogram

Remark:

- * Limit for each single and total PAHs: 0,5 mg/kg
- ** Single components with an amount of <0.1 mg/kg were not considered by the calculation of the sum. In the case of all 8 PAHs were not detected, the result is stated < RL

- END -