

## TEST REPORT

**2021OK2398**

### DATE OF RECEPTION

*Date Format: dd/MM/yyyy* 28/10/2021

### DATE OF TESTS

Starting : 29/10/2021

Ending: 16/11/2021

### APPLICANT

TANDOGAN BRODE TEKSTIL VE SAN. TIC. LTD. STI.  
OVACIK MAHALLESİ KULLAR CADDESİ NO:199/A  
BASISKALE  
TR-41000 KOCAELI

Att ERKAN TANDOGAN

### REFERENCE OF SAMPLES

Reference	Reference provided by the customer	Sample description
2021OK2398-S01	BRODE LACE	
2021OK2398-S02	FIRINGE LACE	
2021OK2398-S03	GUIPURE LACE	
2021OK2398-S04	FESTOON LACE	
2021OK2398-S05	TULLE LACE	

### TESTS CARRIED OUT

- DETERMINATION THE pH VALUE OF AQUEOUS EXTRACT
- DETERMINATION OF FREE AND PARTIALLY RELEASABLE FORMALDEHYDE\*
- DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS (PAH)\*

Tests marked with \* are not included within the scope of the accreditation.



## DESCRIPTION OF SAMPLES

**Reference:** 2021OK2398-S01

**Reference provided by the customer:**

BRODE LACE

**Sample description:**

Information provided by the client: "Brode lace made of 100% polyester in white"

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**Reference:** 2021OK2398-S02

**Reference provided by the customer:**

FIRINGE LACE

**Sample description:**

Information provided by the client: "Firinge lace made of 100% cotton, yarn-dyed"

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**Reference:** 2021OK2398-S03

**Reference provided by the customer:**

GUIPURE LACE

**Sample description:**

Information provided by the client: "Guipure lace made of 100% polyester, yarn-dyed"

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**Reference:** 2021OK2398-S04

**Reference provided by the customer:**

FESTOON LACE

**Sample description:**

Information provided by the client: "Festoon lace made of polyester/cotton, yarn-dyed"

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**Reference:** 2021OK2398-S05

**Reference provided by the customer:**

TULLE LACE

**Sample description:**

Information provided by the client: "Tulle lace made of 100% polyester in white"

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The client has provided AITEX all the technical information about the articles to certify. All this information is enclosed in the Application Form



## RESULTS

### DETERMINATION THE pH VALUE OF AQUEOUS EXTRACT

**Standard**

Oeko-Tex Standard 201 M-1 v2.2:2017

**Determination date**

02/11/2021

**Extractor solution**

B - KCl

**pH Extractor solution**

6.65

**Temperature**

(21.5 )°C

Reference	pH	Uncertainty
2021OK2398-S01	7.20	±5%
2021OK2398-S02	6.60	±5%
2021OK2398-S03	6.65	±5%
2021OK2398-S04	6.85	±5%



## RESULTS

### DETERMINATION OF FREE AND PARTIALLY RELEASABLE FORMALDEHYDE \*

#### Standard

Oeko-Tex® Estandar 201 M-8 V.2.0:2020

Reference	Formaldehyde (mg/Kg)	Uncertainty
2021OK2398-S04	<16	±14%
2021OK2398-S05	<16	±14%



## RESULTS

### DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS (PAH) \*

#### Testing Method

Oeko-Tex® Standard 201 M-23 V.2.2:2020

#### Detection System according to

Oeko-Tex® Standard 201 M-5 A Edition 2017 v2.0

#### Limits currently established in Appendix 4-5

Reference	Benzo(a)pyrene (1) Benzo(e)pyrene (2) Benzo(a)anthracene (3) (mg/Kg)	Chrysene (mg/Kg)	Benzo(j)fluoranthene (1) Benzo(k)fluoranthene (2) Benzo(b)fluoranthene (3) (mg/Kg)	Dibenzo(a,h)anthracene (mg/Kg)	Sum 24 PAH (mg/Kg)
2021OK2398 -S01 + S03	< 0.5 (1) < 0.5 (2) < 0.5 (3)	< 0.5	< 0.5 (1) < 0.5 (2) < 0.5 (3)	< 0.5	< 5

#### The following 24 polycyclic aromatic hydrocarbons are included in the test:

Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(e)pyrene, Benzo(g,h,i)perylene, Benzo(j)fluoranthene, Benzo(k)fluoranthene, Chrysene, Cyclopenta(c,d)pyrene, Dibenzo(a,h)anthracene, Dibenzo(a,e)pyrene, Dibenzo(a,h)pyrene, Dibenzo(a,i)pyrene, Dibenzo(a,l)pyrene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, 1-Methylpyrene, Naphthalene, Phenanthrene, Pyrene



## CONCLUSIONS

The tested samples fulfil with the requirements of the Oeko-tex® Standard 100 Appendix 4. Product class I (Articles for babies).

This report is necessarily supplemented by those issued by AITEX previously.

Certificate	Company	Institute	PC	valid to
2020OK1783	ALPERTEKS MENSUCAT SANAYİ VE TİCARET A.Ş.	AITEX	I	2021-10-31(*)
02.T.2483	Korteks Mensucat San. ve Tic. A.S.	HOHENSTEIN HTTI	I	2022-05-31
04.T.4172	Akpamuk Iplik Ltd. Sti.	HOHENSTEIN HTTI	I	2022-09-30
13.HTR.18449	Ümit Boya Tekstil Ürünleri San. Ve Tic. Ltd. Sti.	HOHENSTEIN HTTI	I	2022-02-28
15.HTR.75147	Toroslar Tekstil Tic. Ve San. Ltd. Sti.	HOHENSTEIN HTTI	I	2022-03-31
19.HTR.66046	Nurteks Tekstil Ve Medikal San. Dis Tic. A.S.	HOHENSTEIN HTTI	I	2022-05-31



**Isabel Soriano**  
Chief of Innovation Area



Date: 16/11/2021 13:53:42

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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- 1-AITEX is liable only for the results of the methods of analysis used, as expressed in the report and referring exclusively to the materials or samples indicated in the same which are in its possession, the professional and legal liability of the Centre being limited to these. Unless otherwise stated, the samples were freely chosen and sent by the applicant.
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- 9-The uncertainties of the tests, which are made explicit in the Results Report, have been estimated for a  $k = 2$  (probability of coverage of 95%). If not informed, they are available to the client in AITEX.
- 10-The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
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- 12-This report may only be sent or delivered by hand to the applicant or to a person duly authorised by the same.
- 13-The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 14-The client must attend at all times, to the dates of the realization of the tests.
- 15-According to Resolution EA (33) 31, the test reports must include the unique identification of the sample, and any brand or label of the manufacturer may be added. It is not allowed to re-issue test reports of untested sample names (references), they can only be re-issued for error correction or inclusion of omitted data that were already available at the time of the test. The laboratory can not assume responsibility for declaring that the product with the new trade name / trademark is strictly identical to the one originally tested; This responsibility belongs to the client.
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