

TEST REPORT

REPORT NUMBER : **TURT190100738**

APPLICANT NAME : **As Erdoğan Deri San.Tic.Ltd.Şti.**

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ATTENTION : **Taha Özdemir (sales@erdoganderi.com.tr)**

SAMPLE DESCRIPTION : Sample 1: One sample of Grey leather panel with fur

DATE IN : **29 May,2019 13:59**

DATE OUT : **31 May,2019**

BUYER : **NOT GIVEN**

BUYER REGION : EUROPE

TRADE NAME: İŞLENMİŞ KOYUN DERİSİ

FIBER COMPOSITION: NOT GIVEN

PROVIDED CARE LABEL: NOT GIVEN

PP



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190100738

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	Sample 1
DETERMINATION OF CERTAIN AROMATIC AMINES DERIVED FROM AZO COLORANTS IN DYED LEATHERS	P
Determination of Formaldehyde in Leather	P
Chromium(VI) content in leather with ageing	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / MA = MINIMUM AMOUNT LESS THAN <0.2 g / A = ABSENT

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DETERMINATION OF CERTAIN AROMATIC AMINES DERIVED FROM AZO COLORANTS IN DYED LEATHERS

BS EN ISO 17234-1:2015

1) Sample 1 Brown Main Fabric (Leather)

		1
4-Aminobiphenyl	92-67-1	N
Benzidine	92-87-5	N
4-Chloro-2-methylaniline	95-69-2	N
2-Naphthylamine	91-59-8	N
o-Aminoazotoluene	97-56-3	N
2-Amino-4-nitrotoluene	99-55-8	N
p-chloroaniline	106-47-8	N
2,4-Diaminoaniline	615-05-4	N
4,4'-Diaminodiphenylmethane	101-77-9	N
3,3'-Dichlorobenzidine	91-94-1	N
3,3'-Dimethoxybenzidine	119-90-4	N
3,3'-Dimethylbenzidine	119-93-7	N
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	N
p-Cresidine	120-71-8	N
4,4'- Methylene-bis-(2-chloroaniline)	101-14-4	N
4,4' Oxydianiline	101-80-4	N
4,4'-Thiodianiline (4-aminophenylthioether)	139-65-1	N
o-Toluidine	95-53-4	N
2,4-Toluenediamine	95-80-7	N
2,4,5-Trimethylaniline	137-17-7	N
p-Aminoazobenzene	60-09-3	N
o-Anisidine	90-04-0	N
2,4-Xylidine	95-68-1	N
2,6-Xylidine	87-62-7	N

Requirement:< 30 ppm

Note:

- 1)The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4- toluenediamine.
- 2)Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4- phenylenediamine . The presence of these colorants can not be reliably ascertained without additional information, e.g. chemical structure of the colorant used.
- 3)According to EN ISO 17234-1:2015, separate test is suggested to ascertain the compliance for result of mixed test in the range between 5 ppm and 30 ppm.
- 4)Azocolourants Content Requirement In Annex XVII Item 43 Of The REACH Regulation (EC) NO. 1907/2006 & Amendment No. 552/2009 and 126/2013 (Formerly Known As Directive 2002/61/EC
- 5) According to the official method EN ISO 17234-1:2015, if 4- Aminodiphenyl or 2-Naphthylamine or 2,4-Diaminoaniline is found exceeding requirement, the use of forbidden Azo colourants cannot be ascertained without additional information e.g. The chemical structure of the colourant used.

ppm : part per million (mg/kg) < = Less Than N: Not Detected NC : No Comment

Detection Limit:5 ppm

Determination of Formaldehyde in Leather BS EN ISO 17226-2:2018

		Result	Requirement
Sample 1	Brown Main Fabric	Not Detected	< 75 mg/kg

Detection Limit : 5 ppm

Chromium(VI) content in leather with ageing

ISO 17075-2:2017

Ageing Condition: 80°C, 24 Hours, 20% (RH)

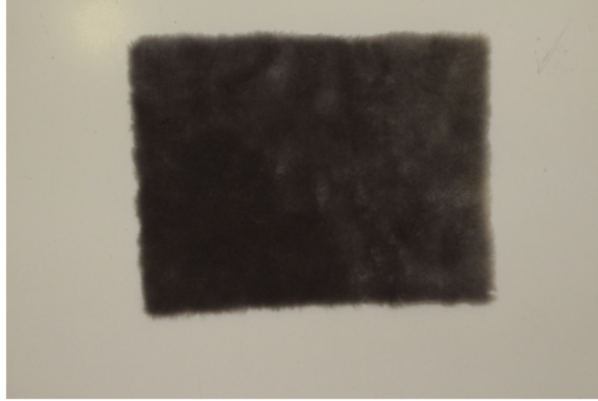
		Result	Requirement
Sample 1	Brown Main Fabric	Not Detected	3 ppm

Detection Limit:3 ppm

RESULTS

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Sample 1



END OF TEST REPORT