



## TEST REPORT

**REPORT NUMBER :** TURA170008582  
**APPLICANT NAME :** Daf Kimya İç ve Dış Tic.A.Ş.  
**ADDRESS :** Mahmutbey Mh. Taşocağı Yolu Cad. Ağaoğlu  
My Office Sit 212 No:3175 Bağcılar İstanbul / TURKEY  
TEL:0212 803 41 78

**Attention :** Yılmaz Çavdar ( [info@inknovators.com](mailto:info@inknovators.com) )

**SAMPLE DESCRIPTION :**

Sample 1 One sample of ECO PL SCARLET (17012002) - Print on white fabric  
Sample 2 One sample of ECO PL SCARLET (17012002) - Liquid item

**DATE IN :** 17 January ,2017 ( 09:38:00)  
**DATE OUT :** 19 January ,2017  
**BUYER'S NAME :** INDITEX  
**TRADE NAME :** ECO PL SCARLET  
**LOT NO :** 17012002

TEST	SAMPLE	
	1	2
Detection of Amines Derived From Azocolourants and Azodyes	X	NR
Determination of Formaldehyde	NR	X
Total Phthalate Content	X	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 / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS

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. 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>. 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 TÜRKAKK accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. When uncertainty is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of TÜRKAKK accreditation. Tests marked (\*) in this test report are not included in the TÜRKAKK accreditation schedule for this laboratory.

Tuncay MADEN  
Customer Care Executive

Zeynep AKIN  
Chemical Laboratory Manager

**Intertek Test Hizmetleri A.S.**  
Merkez Mahallesi Sanayi Cad. No.23 Altındag Plaza Yenibosna-34197 /ISTANBUL  
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55  
e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)



170008582

Test Method	Results	Requirements
<b>Detection of Amines Derived From Azocolourants and Azodyes</b>		
BS EN 14362 - 1 : 2012 for Textile Material		
By Gas Chromatographic - Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.		
1) ECO PL SCARLET (17012002) Print on white fabric (without extraction)		No Requirement

FORBIDDEN AMINE	CAS NO	RESULTS
		1
4-AMINOBIIPHENYL	92-67-1	N
BENZIDINE	92-87-5	N
CHLORO-O-4-CHLOR-O-TOLUIDINE	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-DIAMINOANISOLE	615-05-4	N
4,4'-DIAMINOBIIPHENYLMETHANE	101-77-9	N
3,3'-DICHLOBENZIDINE	91-94-1	N
3,3'-DIMETHOXYBENZIDINE	119-90-4	N
3,3'-DIMETHYLBENZIDINE	119-93-7	N
3,3'-DIMETHYL-4,4' DIAMINOBIIPHENYLMETHANE	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	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
O-ANISIDINE	90-04-0	N
**P-AMINOAZOBENZENE	60-09-3	N
2,4 XYLIDINE	95-68-1	N
2,6 XYLIDINE	87-62-7	N

**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- phenylendiamine . 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 14362-1:2012, 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 14362-1:2012, if 4-Aminodiphenyl or 2-Naphthylamine or 2,4-Diaminoanisole 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) Detection Limit: 5 ppm < = Less Than N: Not Detected NC : No Comment

Estimated Total Uncertainty=( ±9%)

**Intertek Test Hizmetleri A.S.**

Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL

Phone : +90 212 496 46 46 Fax: +90 212 452 80 55

e-mail : intertekcg.turkiye@intertek.com

<http://www.intertek-turkey.com>

Test Method	Results	Requirements
-------------	---------	--------------

**Determination of Formaldehyde**

INDITEX SOP: ITX-GB/T 2912.1/2012C

Sample 1

<2 ppm

No Requirement

ppm = part per million (mg/kg)  
 Detection Limit = 2 ppm  
 < = Less Than

Estimated Total Uncertainty=( ±6%)

Note :Sample was received unsealed

**Total Phthalate Content**

ISO 14389 : 2014 Method by Gas Chromotography - Mass Spectrometry (GC-MS) Analysis

Method By Gas Chromotography - Mass Spectrometry (GC-MS)

Analysis Sample 2

	CAS NO	RESULT (% , w/w)	REQUIREMENT
Dibutyl phthalate (DBP)	84-74-2	ND	Not Detected
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	
Benzyl butyl phthalate (BBP)	85-68-7	ND	
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	
Di-n-octyl phthalate (DNOP)	117-84-0	ND	
Diisodecyl phthalate (DIDP)	26761-40-0	ND	

ppm (part per million) =mg / kg  
 < =Less Than

Detection Limit = DIDP, DINP : 100 ppm, Other Phthalates : 10 ppm  
 \* =EXCEEDED LIMIT ND : Not Detected

Estimated Total Uncertainty=( ±6%)

**Intertek Test Hizmetleri A.S.**

Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL

Phone : +90 212 496 46 46 Fax: +90 212 452 80 55

e-mail : intertekcg.turkiye@intertek.com

<http://www.intertek-turkey.com>

## Sample 1



## Sample 2



## END OF TEST REPORT ##