

## TEST REPORT

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**REPORT NUMBER :** TURT140022072  
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**CC:** C&A Sourcing  
C&A Sourcing ,C&A Lab (TR-SAtest@canda.com ;lab.result@canda.com)  
**BUYER :** C&A Sourcing  
**SAMPLE DESCRIPTION :**  
Sample 1 One sample of khaki zipper tape  
Sample 2 One sample of black zipper tape  
Sample 3 One sample of bordeaux zipper tape  
Sample 4 One sample of navy zipper tape  
**DATE IN :** 14 February ,2014 ( 8:00)  
**DATE OUT :** 18 February ,2014  
**FIBER COMPOSITION :** Not Given  
**PROVIDED CARE LABEL :** Not Given

TEST	SAMPLE			
	1	2	3	4
Allergenic Disperse Dyestuff	P	P	P	P
Carcinogenous Dyestuff	P	P	P	P
Determination of Free and Hydrolised Formaldehyde Test (Water extraction method)	P	P	P	P
Azo Dyestuff	P	P	P	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

The test results relate only to the items tested. The whole and/or the part of this test report shall not be reproduced and shall not be shared with third parties, nor to be used for PR activities without the written permission of INTERTEK Test Hizmetleri A.S.

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. 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 TÜRKAK accreditation. Tests marked (\*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory.



Begum GOKCEDAGLIOGLU  
COORDINATOR



Sinan ÖNCEL / Customer Care Manager  
Özlem CAVUMİRZA / Textile Laboratory Manager



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140022072

Test Method	Results	Requirements
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## Allergenic Disperse Dyestuff

IHTM AL.2.090 & AL.2.178 refer to DIN 54231:2005

By High Performance Liquid Chromatography&Mass Spectroscopy (LC-MS-MS) & HPLC - DAD Analysis

Tape#

Composite sample of; Sample: 1&2		
C.I. Disperse Blue 1	Not Detected	5 mg/L
C.I. Disperse Yellow 3	Not Detected	5 mg/L
C.I. Disperse Blue 3	Not Detected	5 mg/L
C.I. Disperse Blue 7	Not Detected	5 mg/L
C.I. Disperse Blue 26	Not Detected	5 mg/L
C.I. Disperse Blue 35	Not Detected	5 mg/L
C.I. Disperse Blue 102	Not Detected	5 mg/L
C.I. Disperse Blue 106	Not Detected	5 mg/L
C.I. Disperse Blue 124	Not Detected	5 mg/L
C.I. Disperse Brown 1	Not Detected	5 mg/L
C.I. Disperse Orange 1	Not Detected	5 mg/L
C.I. Disperse Orange 3	Not Detected	5 mg/L
C.I. Disperse Orange 37/76/59	Not Detected	5 mg/L
C.I. Disperse Orange 149	Not Detected	5 mg/L
C.I. Disperse Red 1	Not Detected	5 mg/L
C.I. Disperse Red 11	Not Detected	5 mg/L
C.I. Disperse Red 17	Not Detected	5 mg/L
C.I. Disperse Yellow 1	Not Detected	5 mg/L
C.I. Disperse Yellow 9	Not Detected	5 mg/L
C.I. Disperse Yellow 23	Not Detected	5 mg/L
C.I. Disperse Yellow 39	Not Detected	5 mg/L
C.I. Disperse Yellow 49	Not Detected	5 mg/L

#:The test was performed only tape by the request of the applicant.

Detection Limit = 1 mg/L  
< = Less Than

Estimated Total Uncertainty=( ±2%)



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Test Method	Results	Requirements
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## Allergenic Disperse Dyestuff

IHTM AL.2.090 & AL.2.178 refer to DIN 54231:2005

By High Performance Liquid Chromatography&Mass Spectroscopy (LC-MS-MS) & HPLC - DAD Analysis

Tape#

Composite sample of; Sample: 3&4		
C.I. Disperse Blue 1	Not Detected	5 mg/L
C.I. Disperse Yellow 3	Not Detected	5 mg/L
C.I. Disperse Blue 3	Not Detected	5 mg/L
C.I. Disperse Blue 7	Not Detected	5 mg/L
C.I. Disperse Blue 26	Not Detected	5 mg/L
C.I. Disperse Blue 35	Not Detected	5 mg/L
C.I. Disperse Blue 102	Not Detected	5 mg/L
C.I. Disperse Blue 106	Not Detected	5 mg/L
C.I. Disperse Blue 124	Not Detected	5 mg/L
C.I. Disperse Brown 1	Not Detected	5 mg/L
C.I. Disperse Orange 1	Not Detected	5 mg/L
C.I. Disperse Orange 3	Not Detected	5 mg/L
C.I. Disperse Orange 37/76/59	Not Detected	5 mg/L
C.I. Disperse Orange 149	Not Detected	5 mg/L
C.I. Disperse Red 1	Not Detected	5 mg/L
C.I. Disperse Red 11	Not Detected	5 mg/L
C.I. Disperse Red 17	Not Detected	5 mg/L
C.I. Disperse Yellow 1	Not Detected	5 mg/L
C.I. Disperse Yellow 9	Not Detected	5 mg/L
C.I. Disperse Yellow 23	Not Detected	5 mg/L
C.I. Disperse Yellow 39	Not Detected	5 mg/L
C.I. Disperse Yellow 49	Not Detected	5 mg/L

#:The test was performed only tape by the request of the applicant.

**Detection Limit** = 1 mg/L  
 < = Less Than

**Estimated Total Uncertainty=( ±2%)**



Test Method	Results	Requirements
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## Carcinogenous Dyestuff

IHTM AL.2.091 refer to DIN 54231:2005 By High Performance Liquid Chromatography & Mass Spectroscopy (LC-MS-MS) & HPLC-DAD Analysis

Tape#

Composite sample of; Sample: 1&2		
ACID RED 26	Not Detected	5 mg/l
BASIC RED 9	Not Detected	
BASIC VIOLET 14	Not Detected	
DIRECT BLACK 38	Not Detected	
DIRECT BLUE 6	Not Detected	
DIRECT RED 28	Not Detected	
DISPERSE BLUE 1	Not Detected	
DISPERSE ORANGE 11	Not Detected	
DISPERSE YELLOW 3	Not Detected	
BASIC VIOLET 3	Not Detected	
BASIC BLUE 26	Not Detected	0.1 %(1000mg/kg)

#:The test was performed only tape by the request of the applicant.

ppm (part per million) =mg / kg  
 Detection Limit =1 mg/L  
 n.d Not Detected  
 < =Less Than

**Estimated Total Uncertainty=( ±3%)**



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Test Method	Results	Requirements
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**Carcinogenous Dyestuff**

IHTM AL.2.091 refer to DIN 54231:2005 By High Performance Liquid Chromatography & Mass Spectroscopy (LC-MS-MS) & HPLC-DAD Analysis

Tape#

Composite sample of; Sample: 3&4		
ACID RED 26	Not Detected	5 mg/l
BASIC RED 9	Not Detected	
BASIC VIOLET 14	Not Detected	
DIRECT BLACK 38	Not Detected	
DIRECT BLUE 6	Not Detected	
DIRECT RED 28	Not Detected	
DISPERSE BLUE 1	Not Detected	
DISPERSE ORANGE 11	Not Detected	
DISPERSE YELLOW 3	Not Detected	
BASIC VIOLET 3	Not Detected	
BASIC BLUE 26	Not Detected	0.1 %(1000mg/kg)

#:The test was performed only tape by the request of the applicant.

ppm (part per million) =mg / kg  
 Detection Limit =1 mg/L  
 n.d Not Detected  
 < =Less Than

Estimated Total Uncertainty=( ±3%)

**Determination of Free and Hydrolised Formaldehyde Test (Water extraction method)**

BS EN ISO 14184 - 1 :2011 Free and Hydrolized Formaldehyde by UV-VIS Analysis

**Result**

Tape#

Composite sample of; Sample:  
1&2&3&4

<5 ppm

<75 ppm

#:The test was performed only tape by the request of the applicant.

ppm (part per million) =mg / kg  
 Detection Limit =5 ppm  
 < =Less Than

Estimated Total Uncertainty=( ±6%)

Note :Sample was received unsealed



Test Method	Results	Requirements
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## Azo Dyestuff

Test Method : BS EN 14362 - 1 : 2012 for Textile Material

By Gas Chromatographic - Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.

Tape#

A-Composite sample of khaki and black tape (with extraction)

B-Composite sample of bordeaux and navy tape (with extraction)

### RESULTS

FORBIDDEN AMINE	CAS NO	RESULTS	
		A	B
4-AMINOBIHENYL	92-67-1	N	N
BENZIDINE	92-87-5	N	N
CHLORO-O-4-CHLOR-O-TOLUIDINE	95-69-2	N	N
2-NAPHTHYLAMINE	91-59-8	N	N
*O-AMINOAZOTOLUENE	97-56-3	N	N
*2-AMINO-4-NITROTOLUENE	99-55-8	N	N
P-CHLOROANILINE	106-47-8	N	N
2,4-DIAMINOANISOLE	615-05-4	N	N
4,4'-DIAMINOBIHENYLMETHANE	101-77-9	N	N
3,3'-DICHLOROBENZIDINE	91-94-1	N	N
3,3'-DIMETHOXYBENZIDINE	119-90-4	N	N
3,3'-DIMETHYLBENZIDINE	119-93-7	N	N
3,3'-DIMETHYL-4,4' DIAMINOBIHENYLMETHANE	838-88-0	N	N
P-CRESIDINE	120-71-8	N	N
4,4'-METHYLENE-BIS-(2 CHLOROANILINE)	101-14-4	N	N
4,4'-OXYDIANILINE	101-80-4	N	N
4,4'-THIODIANILINE	139-65-1	N	N
O-TOLUIDINE	95-53-4	N	N
2,4-TOLUYLENDIAMINE	95-80-7	N	N
2,4,5-TRIMETHYLANILINE	137-17-7	N	N
O-ANISIDINE	90-04-0	N	N
**P-AMINOAZOBENZENE	60-09-3	N	N
2,4 XYLIDINE	95-68-1	N	N
2,6 XYLIDINE	87-62-7	N	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- 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 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
- ppm : part per million (mg/kg) Detection Limit: 5 ppm < = Less Than N: Not Detected NC : No Comment

Estimated Total Uncertainty=( ±9%)

### END OF TEST REPORT ###



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