

## TEST REPORT

**REPORT NUMBER :** TURA150014005  
**APPLICANT NAME :** Bilkont Dış Ticaret Tekstil San. A.Ş. (Çorlu)  
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### SAMPLE DESCRIPTION :

Sample 1 One sample of Colorend G.Yellow P3R (lot no:10112014)  
 Sample 2 One sample of Colorend Red P3B (lot no:07112014)  
 Sample 3 One sample of Colorend Blue P5R (lot no:24102014)  
 Sample 4 One sample of Colorend Yellow P4G (lot no:11112013)  
 Sample 5 One sample of Colorend Blue P3R (lot no:07112014)  
 Sample 6 One sample of Colorend Orange P2R (lot no:07112014)  
 Sample 7 One sample of Colorend Black HN

**DATE IN :** 27 January ,2015 ( 9:50)  
**RESUBMIT DATE :** 29 January ,2015  
**DATE OUT :** 2 February ,2015

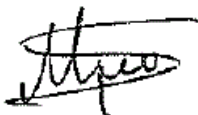
TEST	SAMPLE					
	1	2	3	4	5	6
Detection of Amines Derived From Azocolourants and Azodyes	P	P	P	P	P	P

TEST	SAMPLE
Detection of Amines Derived From Azocolourants and Azodyes	7
	P

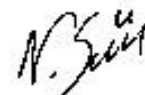
**P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE**

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COORDINATOR



Neslihan Sözer  
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150014005

**Test Method**

**Results**

**Requirements**

**Detection of Amines Derived From Azocolourants and Azodyes**

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

By Gas Chromatographic - Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.  
Sample: 1&2&3&4&5&6&7

1-Colorend G.Yellow P3R (without extraction)	<30 ppm
2-Colorend Red P3B (without extraction)	
3-Colorend Blue P5R (without extraction)	
4-Colorend Yellow P4G (without extraction)	
5-Colorend Blue P3R (without extraction)	
6-Colorend Orange P2R (without extraction)	
7-Colorend Black HN (without extraction)	

**RESULTS**

<u>FORBIDDEN AMINE</u>	<u>CAS NO</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
4-AMINOBIIPHENYL	92-67-1	N	N	N	N	N	N	N
BENZIDINE	92-87-5	N	N	N	N	N	N	N
CHLORO-O-4-CHLOR-O-TOLUIDINE	95-69-2	N	N	N	N	N	N	N
2-NAPHTHYLAMINE	91-59-8	N	N	N	N	N	N	N
*O-AMINOAZOTOLUENE	97-56-3	N	N	N	N	N	N	N
*2-AMINO-4-NITROTOLUENE	99-55-8	N	N	N	N	N	N	N
P-CHLOROANILINE	106-47-8	N	N	N	N	N	N	N
2,4-DIAMINOANISOLE	615-05-4	N	N	N	N	N	N	N
4,4'-DIAMINOBIIPHENYLMETHANE	101-77-9	N	N	N	N	N	N	N
3,3'-DICHLOROBENZIDINE	91-94-1	N	N	N	N	N	N	N
3,3'-DIMETHOXYBENZIDINE	119-90-4	N	N	N	N	N	N	N
3,3'-DIMETHYLBENZIDINE	119-93-7	N	N	N	N	N	N	N
3,3'-DIMETHYL-4,4' DIAMINOBIIPHENYLMETHANE	838-88-0	N	N	N	N	N	N	N
P-CRESIDINE	120-71-8	N	N	N	N	N	N	N
4,4'-METHYLENE-BIS-(2 CHLOROANILINE)	101-14-4	N	N	N	N	N	N	N
4,4'-OXYDIANILINE	101-80-4	N	N	N	N	N	N	N
4,4'-THIODIANILINE	139-65-1	N	N	N	N	N	N	N
O-TOLUIDINE	95-53-4	N	N	N	N	N	N	N
2,4-TOLUENDIAMINE	95-80-7	N	N	N	N	N	N	N
2,4,5-TRIMETHYLANILINE	137-17-7	N	N	N	N	N	N	N
O-ANISIDINE	90-04-0	N	N	N	N	N	N	N
**P-AMINOAZOBENZENE	60-09-3	N	N	N	N	N	N	N
2,4 XYLIDINE	95-68-1	N	N	N	N	N	N	N
2,6 XYLIDINE	87-62-7	N	N	N	N	N	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 ###

