



TEST REPORT

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REPORT NUMBER : TURT150133557
APPLICANT NAME Gümrük ve Ticaret Bakanlığı (Ambarlı Gümrük Müdürlüğü)
ADDRESS Marmara Mah. Limanlar Cad. No:49 Kat:2 Beylikdüzü / İstanbul
FAX NO : 0212 875 28 08
Attention : Mehmet Ali Kasırga
BUYER NOT GIVEN
IMPORTER: Bilgi Dağ. Kitap Kirt. ve Büro Malz. Tic. Ltd. Şti.
SAMPLE DESCRIPTION : Two samples of Acrylic colour
DATE IN : 18 August, 2015 (15:33)
DATE OUT : 24 August, 2015
MODEL NO : -
NUMBER: 65833201/110.02 - 9880197
SUBJECT: 06.08.2015 / 15343100IM137987

TEST	Sample
PHTHALATE CONTENT	P
DETECTION OF AMINES DERIVED FROM AZOCOLOURANTS AND AZODYES	P
PRIMARY AROMATIC AMINES	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

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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.

Melihat

Melihat YILDIRIM
COORDINATOR

Sinan

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



Intertek Test Hizmetleri A.Ş.
Merkez Mahallesi Sanayi Cad. No 23 Altındag Plaza Yenibosna-34197 / İSTANBUL
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55
e-mail : intertekcg.turkiye@intertek.com
<http://www.intertek-turkey.com>



150133557

Test Method	Result	Requirements
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PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 12382 : 2004

1-White dye	
	<u>RESULT (%. w/w)</u>
DIBUTYL PHTHALATE (DBP)	Not Detected
DIETHYL HEXYL PHTHALATE (DEHP)	Not Detected
BENZYL BUTYL PHTHALATE (BBP)	Not Detected
SUM OF THREE PHTHALATES	Not Detected
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%. w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	Not Detected
DI-N-OCTYL PHTHALATE (DNOP)	Not Detected
DI-ISO-DECYL PHTHALATE (DIDP)	Not Detected
SUM OF THREE PHTHALATES	Not Detected
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK = The Limit of 0.1% by weight was quoted according to Annex XVII Items 51&52 of the REACH Regulation (EC) No.1907/2006 (Formerly known as Directive 2005/84/EC) for Phthalate Content
 ppm (part per million) =mg / kg
 Detection Limit = DINP, DIDP: 120 ppm, Other phthalates: 12 ppm
 < =Less Than
 * =EXCEEDED LIMIT
 COMMENT =The Phthalate Content Test Result DID NOT EXCEED The Limit Of 0.1% By Weight As Stated In European Commission Directive 2005/84/EC On 12 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total Uncertainty=± 5 %)



Test Method	Result	Requirements
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Detection of Amines Derived From Azocolourants and Azodyes

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

Detection of Amines Derived From Azocolourants and Azodyes

1-White dye (without extraction)			<30 ppm
<u>FORBIDDEN AMINE</u>	<u>CAS NO</u>	<u>RESULT</u>	
4-AMINOBIPHENYL	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'-DIAMINOBIPHENYLMETHANE	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'	838-88-0	N	
DIAMINOBIPHENYLMETHANE			
P-CRESIDINE	120-71-8	N	
4,4'-METHYLENE-BIS-(2	101-14-4	N	
CHLOROANILINE)			
4,4'-OXYDIANILINE	101-80-4	N	
4,4'-THIODIANILINE	139-65-1	N	
O-TOLUIDINE	95-53-4	N	
2,4-TOLUYLENDIAMINE	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: *The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4- toluenylenediamine.

**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.

Remark:

1)ACCORDING TO THE OFFICIAL METHOD EN ISO/TS 17234:2003, IF 4-AMINODIPHENYL OR 2-NAPHTHYLAMINE OR 2,4-DIAMINOANISOLE IS FOUND EXCEEDING 30 PPM, THE USE OF FORBIDDEN AZO DYESTUFF CANNOT BE ASCERTAINED WITHOUT ADDITIONAL INFORMATION eg. THE CHEMICAL STRUCTURE OF THE DYESTUFF USED. TEXTILE OR POLYESTER METHOD CASES ONLY.

2)AZO COLORANTS CONTENT REQUIREMENT IN ANNEX XVII ITEM 43 OF THE REACH REGULATION (EC)NO:1907/2006 FORMERLY KNOWN AS DIRECTIVE 2002/61/EC)

< = Less Than
N= Not Detected
Requirement= 30 ppm
ppm(part per million)= mg/ kg



Test Method	Result	Requirements
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Primary Aromatic Amines

EN 71 Part 9&10&11

1- White dye (without extraction) <30 ppm

<u>FORBIDDEN AMINE</u>	<u>CAS NO</u>	<u>1</u>
Benzidine	92-67-1	<5
2-naphthylamine	92-87-5	<5
4-chloroaniline	95-69-2	<5
3,3'-dichlorobenzidine	91-59-8	<5
3,3'-dimethoxybenzidine	97-56-3	<5
3,3'-dimethylbenzidine	99-55-8	<5
O-toluidine	106-47-8	<5
2-methoxyaniline (o-anisidine)	615-05-4	<5
Aniline	101-77-9	<5

< = Less Than
N= Not Detected
Requirement= 30 ppm
ppm(part per million)= mg/ kg
Detection Limit 5 ppm

**Intertek Test Hizmetleri A.Ş.**

Merkez Mahallesi Sanayi Cad. No.23 Altındag Plaza Yenibosna-34197 /İSTANBUL

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

e-mail : intertek@turlaye.intertek.com<http://www.intertek-turkey.com>

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END OF TEST REPORT