

**TEST REPORT**

**REPORT NUMBER :** TURT150137447  
**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:** **Ceren Kağıt ve Kırtasiye San.A.Ş.**  
**SAMPLE DESCRIPTION :** One sample of Color box with wooden brush  
**DATE IN :** **25 August, 2015 (16:15)**  
**DATE OUT :** **31 August, 2015**  
**MODEL NO :** PLAY-SU002  
**NUMBER:** 42591415/109  
**SUBJECT:** 13.08.2015/15343100IM142332

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.

Melahat YILDIRIM  
COORDINATOR

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



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150137447

Test Method	Result	Requirements
<b>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>1-Composite sample of white dye, purple dye, turquoise dye, green dye</b>		
	<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: 100 ppm, Other phthalates: 10 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 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total Uncertainty=± 5 %)



Test Method	Result	Requirements
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**PHTHALATE CONTENT**

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

2-Composite sample of yellow dye, pink dye, red dye, orange dye	
	RESULT (%. w/w)
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)
RESULT (%. w/w)	
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: 100 ppm, Other phthalates: 10 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 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total Uncertainty=± 5 %)



Test Method	Result	Requirements
<b>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>3-Composite sample of dark green dye, blue dye, brown dye, black dye</b>		
		<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: 100 ppm, Other phthalates: 10 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 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total Uncertainty=± 5 %)



Test Method	Result	Requirements
<b>Detection of Amines Derived From Azocolourants and Azodyes</b>		
Test Method : BS EN 14362 - 1 : 2012 for Textile Material		
Detection of Amines Derived From Azocolourants and Azodyes		
1- Composite sample of black, brown, blue water colours (without extraction)		<30 ppm
2- Composite sample of green, orange, red water colours (without extraction)		
3- Composite sample of white, purple, light blue water colours (without extraction)		
4- Composite sample of light green, yellow, pink water colours (without extraction)		
	<b>CAS NO</b>	<b>RESULT</b>
<b>FORBIDDEN AMINE</b>	<b>1</b>	<b>2</b>
4-AMINOBIHENYL	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'-DIAMINOBIHENYLMETHANE	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'	838-88-0	N
DIAMINOBIHENYLMETHANE		
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- toluylenediamine.

\*\*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



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Test Method	Result	Requirements
<b>Primary Aromatic Amines</b>		
EN 71 Part 9&10&11		
1- Composite sample of black, brown, blue water colours (without extraction)		<30 ppm
2- Composite sample of green, orange, red water colours (without extraction)		
3- Composite sample of white, purple, light blue water colours (without extraction)		
4- Composite sample of light green, yellow, pink water colours (without extraction)		
<b><u>FORBIDDEN AMINE</u></b>	<b><u>CAS NO</u></b>	<b><u>1</u></b> <b><u>2</u></b> <b><u>3</u></b> <b><u>4</u></b>
Benzidine	92-67-1	<5    <5    <5    <5
2-naphthylamine	92-87-5	<5    <5    <5    <5
4-chloroaniline	95-69-2	<5    <5    <5    <5
3,3'-dichlorobenzidine	91-59-8	<5    <5    <5    <5
3,3'-dimethoxybenzidine	97-56-3	<5    <5    <5    <5
3,3'-dimethylbenzidine	99-55-8	<5    <5    <5    <5
O-toluidine	106-47-8	<5    <5    <5    <5
2-methoxyaniline (o-anisidine)	615-05-4	<5    <5    <5    <5
Aniline	101-77-9	<5    <5    <5    <5

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



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Test Method	Result	Requirements
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## END OF TEST REPORT ##