

TEST REPORT

REPORT NUMBER : TURT140117655-REVISED 01
APPLICANT NAME **Bilgi Dağ. Kitap Kırt. ve Büro Malz. Tic. Ltd. Şti.**
ADDRESS Merkez Mah. 29 Ekim Cad.No:53 Bahçelievler / İstanbul
FAX NO: 0212 551 09 57
Attention : Turan Bey (turan@bilgi-dagitim.com)
BUYER **NOT GIVEN**
SAMPLE DESCRIPTION : One sample of 6 color jumping clay
DATE IN : **25 July, 2014 (15:38)**
DATE OUT : **05 August, 2014/ 12 August, 2014**
ITEM NO : BP765-06
NOTE 1: Detection Of Amines Derived From Azocolourants And Azodyes test could not be performed due to type of sample.
NOTE 2: In this revised 01 report, sample's item no was added by the request of the applicant. This report replaced the report no TURT140117655 dated on 05 August, 2014 and must be used instead of it.
Report no TURT140117655 dated on 05 August, 2014 is invalid.

TEST	Sample
SAFETY OF TOYS PART 3:SPECIFICATION FOR MIGRATION OF CERTAIN ELEMENTS	P
PHTHALATE CONTENT	P
CARCINOGENOUS DYESTUFF	P
DETECTION OF AMİNES DERİVED FROM AZOCOLOURANTS AND AZODYES	NA

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

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

Melahat YILDIRIM
COORDINATOR

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



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140117655

Test Method	Result	Requirements
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Safety of toys. Specification for Migration of Certain Elements

BS EN 71-3 : 1995

Acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma-ICP_OES.

		<u>RESULT</u>	<u>Detection Limit</u>	<u>PASS/FAIL</u>	<u>Requirement (ppm)</u>
1-Composite sample of transparent plastic box, transparent plastic cover					
Antimony	(Sb)	Not Detected	<2 ppm	PASS	60
Arsenic	(As)	Not Detected	<2 ppm	PASS	25
Barium	(Ba)	Not Detected	<2 ppm	PASS	1000
Cadmium	(Cd)	Not Detected	<2 ppm	PASS	75
Chromium	(Cr)	Not Detected	<5 ppm	PASS	60
Lead	(Pb)	Not Detected	<5 ppm	PASS	90
Mercury	(Hg)	Not Detected	<2 ppm	PASS	60
Selenium	(Se)	Not Detected	<2 ppm	PASS	500

2-Multicolor sticker

Antimony	(Sb)	Not Detected	<2 ppm	PASS	60
Arsenic	(As)	Not Detected	<2 ppm	PASS	25
Barium	(Ba)	Not Detected	<2 ppm	PASS	1000
Cadmium	(Cd)	Not Detected	<2 ppm	PASS	75
Chromium	(Cr)	Not Detected	<5 ppm	PASS	60
Lead	(Pb)	Not Detected	<5 ppm	PASS	90
Mercury	(Hg)	Not Detected	<2 ppm	PASS	60
Selenium	(Se)	Not Detected	<2 ppm	PASS	500



Test Method	Result	Requirements
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ppm (part per million) =mg / kg
 < =Less Than

Safety of toys. Specification for Migration of Certain Elements

BS EN 71-3 : 1995

Acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma-ICP_OES.

		<u>RESULT</u>	<u>Detection Limit</u>	<u>PASS/FAIL</u>	<u>Requirement (ppm)</u>
3-Composite sample of blue jumping clay, white jumping clay, black jumping clay					
Antimony	(Sb)	Not Detected	<2 ppm	PASS	60
Arsenic	(As)	Not Detected	<2 ppm	PASS	25
Barium	(Ba)	18 ppm	<2 ppm	PASS	1000
Cadmium	(Cd)	Not Detected	<2 ppm	PASS	75
Chromium	(Cr)	Not Detected	<5 ppm	PASS	60
Lead	(Pb)	Not Detected	<5 ppm	PASS	90
Mercury	(Hg)	Not Detected	<2 ppm	PASS	60
Selenium	(Se)	Not Detected	<2 ppm	PASS	500

4- Composite sample of yellow jumping clay, green jumping clay, red jumping clay

Antimony	(Sb)	Not Detected	<2 ppm	PASS	60
Arsenic	(As)	Not Detected	<2 ppm	PASS	25
Barium	(Ba)	24 ppm	<2 ppm	PASS	1000
Cadmium	(Cd)	Not Detected	<2 ppm	PASS	75
Chromium	(Cr)	Not Detected	<5 ppm	PASS	60
Lead	(Pb)	Not Detected	<5 ppm	PASS	90
Mercury	(Hg)	Not Detected	<2 ppm	PASS	60
Selenium	(Se)	Not Detected	<2 ppm	PASS	500

ppm (part per million) =mg / kg



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Test Method	Result	Requirements
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< =Less Than

PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

1-Composite sample of transparent plastic box, transparent plastic cover	
	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
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Test Method	Result	Requirements
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PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

2-Multicolor sticker	
	<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

3-Composite sample of blue jumping clay, white jumping clay, black jumping clay, yellow jumping clay, green jumping clay	
	<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

4-Red jumping clay	
	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
Carcinogenous Dyestuff		
IHTM AL.2.091:2011 refer to DIN 54231:2005 By High Performance Liquid Chromatography (LC-MS-MS) & HPLC-DAD Analysis		
1-Composite sample of green, red, yellow jumping clay		
COMPOUND	RESULT (ppm)	
ACID RED 26	Not Detected	Not Detected
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	

ppm (part per million) =mg / kg
Detection Limit =7.5 ppm or 0.5 mg/L
< =Less Than

(Estimated Total uncertainty= \pm 3 %)



Test Method	Result	Requirements
Carcinogenous Dyestuff IHTM AL.2.091:2011 refer to DIN 54231:2005 By High Performance Liquid Chromatography (LC-MS-MS) & HPLC-DAD Analysis		
2-Composite sample of white, blue, black jumping clay		
COMPOUND	RESULT (ppm)	
ACID RED 26	Not Detected	Not Detected
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	

ppm (part per million) =mg / kg
Detection Limit =7.5 ppm or 0.5 mg/L
< =Less Than

(Estimated Total uncertainty= \pm 3 %)



Test Method	Result	Requirements
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END OF TEST REPORT

