

TEST REPORT

REPORT NUMBER : TURT130076782_REVISED 01
APPLICANT NAME Ceren Kağıt ve Kırtasiye San. A.Ş.
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TURKEY
FAX NO :0212 407 06 66
Attention :Berçem Keresteci (bercem@cerenkirtasiye.com.tr)
BUYER NOT GIVEN
SAMPLE DESCRIPTION :
Sample 1 One sample of watercolours 8 colour / PLAY-SU001
Sample 2 One sample of watercolours 12 colour / PLAY-SU002
Sample 3 One sample of watercolours 12 colour (big) / PLAY-SU003
Sample 4 One sample of watercolours 21 colour / PLAY-SU004
DATE IN : 21 May, 2013 (15:16)
DATE OUT : 31 May, 2013/15 August,2013
COUNTRY OF ORIGIN: CHINA
ITEM NO: PLAY-SU001/PLAY-SU002/PLAY-SU003/PLAY-SU004
NOTE: In this revised 01 report other item no were corrected.
This report replaces the report no TURT130076782 dated on 31 May,2013 and must be used instead of it.

TEST	Sample 1	Sample 2	Sample 3	Sample 4
SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES	P (Except 7.1 & 7.2)	X	X	X
SAFETY OF TOYS-PART 2:FLAMMABILITY	P	X	X	X
SAFETY OF TOYS PART 3:SPECIFICATION FOR MIGRATION OF CERTAIN ELEMENTS	P	P	P	P
TOTAL PHTHALATE CONTENT	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

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



Beril SEN
COORDINATOR



Sinan Öncel
CUSTOMER CARE MANAGER



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Test Method	Result	Requirements
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This report details the clauses appropriate to this item. Those clauses not referred to were considered not applicable.

(*)Specification: BS EN 71-1: 2011- Safety of Toys - Specification for Mechanical and Physical Properties

The item was labelled “3+ years”.

The item was tested for children aged over 36 months.

The item was packaging in a cardboard box was covered by which was considered to be disposable.

Sample 1

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points & Metallic Wires	Pass
7	Warning and Instruction for Use	
7.1	<p>General</p> <p>The toy or, its packaging or document accompanying must be labelled with:</p> <ul style="list-style-type: none"> - The name and address of the manufacturer and importer.** - Warning and other information should be in the national language(s) of the countries where the toy is marketed. <p>**In the case of the toy sell in European countries, the toy, its packaging or document accompanying must be labelled with the name and address of the manufacturer and importer.</p> <p>The importer name is not clearly pointed out as importer It's recommended to be identified with the title of 'importer'.</p>	See Comment
7.2	<p>Toys not intended for children under 36 months</p> <p>The item, its packaging or accompanying leaflet must be labeled with;</p> <p>The following warning “Warning! Not suitable for children under 36 months” with a brief indication of the specific hazard or correct age graphical symbol.</p>	See Comment



Test Method	Result	Requirements
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(*)Specification: BS EN 71-2: 2011 Safety of Toys – Flammability

Sample 1

SECTION	TEST	RESULTS
4.1	General	
	Celluloid/cellulose nitrate and materials with a same burning behaviour in fire	Pass



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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.

Sample 1&2&3&4		<u>RESULT IN ppm</u>	<u>PASS/FAIL</u>	<u>Requirement (ppm)</u>
1- Composite sample of black, light brown, green dye				
	Antimony (Sb)	<2 ppm	PASS	60
	Arsenic (As)	<2 ppm	PASS	25
	Barium (Ba)	<2 ppm	PASS	1000
	Cadmium (Cd)	<2 ppm	PASS	75
	Chromium (Cr)	<5 ppm	PASS	60
	Lead (Pb)	<5 ppm	PASS	90
	Mercury (Hg)	<2 ppm	PASS	60
	Selenium (Se)	<2 ppm	PASS	500
2- Composite sample of blue, coral, beige dye				
	Antimony (Sb)	<2 ppm	PASS	60
	Arsenic (As)	<2 ppm	PASS	25
	Barium (Ba)	<2 ppm	PASS	1000
	Cadmium (Cd)	<2 ppm	PASS	75
	Chromium (Cr)	<5 ppm	PASS	60
	Lead (Pb)	<5 ppm	PASS	90
	Mercury (Hg)	<2 ppm	PASS	60
	Selenium (Se)	<2 ppm	PASS	500

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

(Estimated Total uncertainty=Results quoted have been corrected for uncertainty. -)



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.

Sample 1&2&3&4	RESULT IN ppm	PASS/FAIL	Requirement (ppm)
3- Composite sample of red, burgundy, dark yellow dye			
Antimony (Sb)	<2 ppm	PASS	60
Arsenic (As)	<2 ppm	PASS	25
Barium (Ba)	52 ppm	PASS	1000
Cadmium (Cd)	<2 ppm	PASS	75
Chromium (Cr)	<5 ppm	PASS	60
Lead (Pb)	<5 ppm	PASS	90
Mercury (Hg)	<2 ppm	PASS	60
Selenium (Se)	<2 ppm	PASS	500
4- Composite sample of brown, purple, light green dye			
Antimony (Sb)	<2 ppm	PASS	60
Arsenic (As)	<2 ppm	PASS	25
Barium (Ba)	<2 ppm	PASS	1000
Cadmium (Cd)	<2 ppm	PASS	75
Chromium (Cr)	<5 ppm	PASS	60
Lead (Pb)	<5 ppm	PASS	90
Mercury (Hg)	<2 ppm	PASS	60
Selenium (Se)	<2 ppm	PASS	500

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

(Estimated Total uncertainty=Results quoted have been corrected for uncertainty. -)



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.

Sample 1&2&3&4	RESULT IN ppm	PASS/FAIL	Requirement (ppm)
5- Composite sample of yellow, light yellow, pink dye			
Antimony (Sb)	<2 ppm	PASS	60
Arsenic (As)	<2 ppm	PASS	25
Barium (Ba)	<2 ppm	PASS	1000
Cadmium (Cd)	<2 ppm	PASS	75
Chromium (Cr)	<5 ppm	PASS	60
Lead (Pb)	<5 ppm	PASS	90
Mercury (Hg)	<2 ppm	PASS	60
Selenium (Se)	<2 ppm	PASS	500
6- Composite sample of lilac, emerald, light orange dye			
Antimony (Sb)	<2 ppm	PASS	60
Arsenic (As)	<2 ppm	PASS	25
Barium (Ba)	19 ppm	PASS	1000
Cadmium (Cd)	<2 ppm	PASS	75
Chromium (Cr)	<5 ppm	PASS	60
Lead (Pb)	<5 ppm	PASS	90
Mercury (Hg)	<2 ppm	PASS	60
Selenium (Se)	<2 ppm	PASS	500

ppm (part per million) =mg / kg
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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.

Sample 1&2&3&4	RESULT IN ppm	PASS/FAIL	Requirement (ppm)
7- Metal part			
Antimony (Sb)	<2 ppm	PASS	60
Arsenic (As)	<2 ppm	PASS	25
Barium (Ba)	<2 ppm	PASS	1000
Cadmium (Cd)	<2 ppm	PASS	75
Chromium (Cr)	<5 ppm	PASS	60
Lead (Pb)	<5 ppm	PASS	90
Mercury (Hg)	<2 ppm	PASS	60
Selenium (Se)	<2 ppm	PASS	500

8- Composite sample of transparent, blue plastic

Antimony (Sb)	<2 ppm	PASS	60
Arsenic (As)	<2 ppm	PASS	25
Barium (Ba)	<2 ppm	PASS	1000
Cadmium (Cd)	<2 ppm	PASS	75
Chromium (Cr)	<5 ppm	PASS	60
Lead (Pb)	<5 ppm	PASS	90
Mercury (Hg)	<2 ppm	PASS	60
Selenium (Se)	<2 ppm	PASS	500

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

(Estimated Total uncertainty=Results quoted have been corrected for uncertainty. -)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004
Sample 1&2&3&4

1- Composite sample of black, light brown, green, blue, coral dye	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit 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.
 =Correction of the mass due to untreated textile components has been done

ppm (part per million) =mg / kg
 Detection Limit = DINP, DIDP: 100 ppm, Other phthalates: 10 ppm
 < =Less Than
 * =EXCEEDED LIMIT
 ND =Not Detected

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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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004
Sample 1&2&3&4

2- Composite sample of beige, red, burgundy, dark yellow, brown dye	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit 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.
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(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004
Sample 1&2&3&4

3- Composite sample of purple, dark green, yellow, light yellow, pink dye	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

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(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004
Sample 1&2&3&4

4- Composite sample of lilac, emerald, light orange dye	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit 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.
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ppm (part per million) =mg / kg
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(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004
Sample 1&2&3&4

5- Composite sample of transparent, blue plastic	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)





REMARK =The Above Limit 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.
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(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
		
		

END OF TEST REPORT



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