

**TEST REPORT**

**REPORT NUMBER :** TURT130077219  
**APPLICANT NAME** Ceren Kağıt ve Kırtasiye San. A.Ş.  
**ADDRESS** Ziya Gökalp Mah. Eski Turgut Özal Cad. Haseyad İş Merkezi İ.O.S.B Başakşehir / İstanbul  
TURKEY  
FAX NO :0212 407 06 66  
**Attention :Berçem Keresteci (bercem@cerenkirtasiye.com.tr)**  
**BUYER** NOT GIVEN  
**SAMPLE DESCRIPTION :**  
**Sample 1** One sample of felt-tip pen 6 colour / PLAY-KE004  
**Sample 2** One sample of felt-tip pen 12 colour / PLAY-KE005  
**Sample 3** One sample of felt-tip pen 24 colour / PLAY-KE006  
**Sample 4** One sample of felt-tip pen 12 colour / PLAY-KE008  
**Sample 5** One sample of felt-tip pen 12 colour / PLAY-KE007  
**DATE IN :** 22 May, 2013 (09:58)  
**DATE OUT :** 03 June, 2013  
**COUNTRY OF ORIGIN:** CHINA  
**ITEM NO:** PLAY-KE004 / PLAY-KE005 / PLAY-KE006 / PLAY-KE008 / PLAY-KE007

TEST	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES	P (Except 7.1 & 7.2)	X	X	X	X
SAFETY OF TOYS-PART 2:FLAMMABILITY	P	X	X	X	X
SAFETY OF TOYS PART 3:SPECIFICATION FOR MIGRATION OF CERTAIN ELEMENTS	P	P	P	P	P
TOTAL PHTHALATE CONTENT	P	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.Ş.

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.



Vahide Serap MERT  
COORDINATOR



Sinan Öncel  
CUSTOMER CARE MANAGER



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130077219

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 plastic bag which was considered to be disposable.

**Sample 1**

SECTION	TEST	RESULTS
<b>4</b>	<b>General Requirements</b>	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points & Metallic Wires	Pass
<b>7</b>	<b>Warning and Instruction for Use</b>	
<b>7.1</b>	<p><b>General</b></p> <p>The toy or, its packaging or document accompanying must be labelled with:</p> <ul style="list-style-type: none"> <li>- The name and address of the manufacturer.**</li> <li>- A CE mark in the correct size.</li> <li>- Warning and other information should be in the national language(s) of the countries where the toy is marketed.</li> </ul> <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
<b>7.2</b>	<p><b>Toys not intended for children under 36 months</b></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



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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	NA*

\*In addition, toys shall not contain flammable gases, extremely flammable liquids, highly flammable liquid flammable liquids and flammable gels except as provided for below:

-Highly flammable liquids and flammable liquids being entirely retained within a porous material in capillar channels of writing instruments.;

-Highly flammable liquids contained in chemical toys.



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&5	RESULT IN ppm	PASS/FAIL	Requirement (ppm)
<b>1- Composite sample of black, dark yellow, dark red felt tip</b>			
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
<b>2- Composite sample of dark blue, dark brown, dark green felt tip</b>			
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&5		<u>RESULT IN ppm</u>	<u>PASS/FAIL</u>	<u>Requirement (ppm)</u>
<b>3- Composite sample of yellow, red, orange felt tip</b>				
	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
<b>4- Composite sample of dark pink, pink, light pink felt tip</b>				
	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&5	RESULT IN ppm	PASS/FAIL	Requirement (ppm)
<b>5- Composite sample of purple, lilac, bordeaux felt tip</b>			
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

<b>6- Composite sample of green, light green, turquoise felt tip</b>			
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

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Test Method	Result	Requirements
<b>Safety of toys. Specification for Migration of Certain Elements</b>		
BS EN 71-3 : 1995		
Acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma-ICP_OES.		
<b>Sample 1&amp;2&amp;3&amp;4&amp;5</b>	<b>RESULT IN ppm</b>	<b>PASS/FAIL</b>
<b>7- Composite sample of blue, light blue, petrol felt tip</b>		<b>Requirement (ppm)</b>
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
<b>8- Composite sample of brown, light brown, grey felt tip</b>		
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&5**

1- Composite sample of black, dark yellow, dark red, dark blue, dark brown felt tip	
	RESULT (%, w/w)
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)
	RESULT (%, w/w)
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&5

2- Composite sample of dark green, yellow, red, orange, dark pink felt tip	
	RESULT (%, w/w)
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)
	RESULT (%, w/w)
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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**TOTAL PHTHALATE CONTENT**

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS ) Analysis : 2004  
**Sample 1&2&3&4&5**

<b>3- Composite sample of pink, light pink, purple, lilac, bordeaux felt tip</b>	
	<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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**TOTAL PHTHALATE CONTENT**

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS ) Analysis : 2004  
**Sample 1&2&3&4&5**

4- Composite sample of green, light green, turquoise, blue, light blue felt tip	
	RESULT (%, w/w)
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)
	RESULT (%, w/w)
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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**TOTAL PHTHALATE CONTENT**

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS ) Analysis : 2004  
**Sample 1&2&3&4&5**

<b>5- Composite sample of petrol, brown, light brown, grey felt tip</b>	
	<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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Test Method	Result	Requirements
		
		

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