

**TEST REPORT**

**REPORT NUMBER :** TURT150034508  
**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 : Figen Toprak (figen@cerenkirtasiye.com.tr)**  
**BUYER** NOT GIVEN  
**SAMPLE DESCRIPTION :**  
**Sample 1:** One sample of Paly-Doh 12 colors jumbo hexagon color pencils  
**Sample 2:** One sample of Play-Doh 12 colors jumbo triangular color pencils  
**DATE IN :** 03 March, 2015 (08:27)  
**DATE OUT :** 27 March, 2015  
**ITEM NO :**  
**Sample 1:** PLAY-KU017  
**Sample 2:** PLAY-KU018  
**COUNTRY OF ORIGIN:** CHINA

TEST	Sample 1	Sample 2
SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES	P (Except 7.2)	P (Except 7.2)
SAFETY OF TOYS-PART 2:FLAMMABILITY	P	P
TOXIC ELEMENTS ANALYSIS	P	P
PHTHALATE CONTENT	P	P
DETECTION OF AMİNES DERİVED FROM AZOCOLOURANTS AND AZODYES	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 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.

"This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is intended and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>."

Melahat YILDIRIM  
COORDINATOR

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



**Intertek Test Hizmetleri A.S.**  
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](mailto:intertekcg.turkiye@intertek.com)  
<http://www.intertek-turkey.com>



150034508

Test Method	Result	Requirements
-------------	--------	--------------

*This report details the clauses appropriate to this item. Those clauses not referred to were considered not applicable.*

**Specification: BS EN 71 - 1 : 2014- 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 wooden box which was considered to be for retention

**Sample 1-2**

SECTION	TEST	RESULTS
4	<b>General Requirements</b>	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points & Metallic Wires	Pass
7	<b>Warning and Instruction for Use</b>	
7.1	<b>General</b>	##
7.2	<b>Toys not intended for children under 36 months</b> The item, its packaging or accompanying leaflet must be labelled with:, The following warning "Warning! Not suitable for children under 36 months" with a brief indication of the specific hazard or correct age graphical symbol.	See Comment



**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@turkiye.intertek.com](mailto:intertek@turkiye.intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

## The text of this note is for information only and the indents do not constitute requirements of this European Standard. The information is not exhaustive and Directive 2009/48/EC and the associated guidance documents should be consulted for further details.

The toy or, its packaging or document accompanying must be labelled with:

- The name and address of the manufacturer\*\* **(Not Present)**
- The name and address of the and importer.\*\* **(Present)**
- type, batch, serial or model number or other element allowing of toy identification **(Present)**
- The following advisory note: "Retain for future reference", if the information is not on the toy itself **(Present)**
- A CE mark in the correct size and shape . **(Present)**
- Warning and other information should be in the national language(s) of the countries where the toy is marketed.

\*\* 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



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

---

Test Method	Result	Requirements
-------------	--------	--------------

---

**Specification: BS EN 71 - 2 : 2011+ A1:2014 Safety of Toys – Flammability****Sample 1-2**

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

**Intertek Test Hizmetleri A.S.***Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /İSTANBUL**Phone : +90 212 496 46 46 Fax: +90 212 452 80 55**e-mail : [intertek@turkiye.intertek.com](mailto:intertek@turkiye.intertek.com)*<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

1-Cream box with black print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	2.6 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	1.3 ppm	<1 ppm	PASS	70000
Boron (B)	3.9 ppm	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	2.2 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	11.0 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	Not Detected	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

2-Slat

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	4.2 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	6.5 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	4.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	5.5 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	Not Detected	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL*

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

**Sample 1-2**

**3-White inner foam**

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	2.9 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	2.3 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	Not Detected	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	Not Detected	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	Not Detected	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

4-Light green coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	5.2 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	3.0 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	6.8 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	7.9 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	9.1 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>



Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

5-Orange coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	6.5 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	3.9 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	7.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	8.3 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	10.2 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

**Sample 1-2**

**6-Yellow coating with print**

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	4.7 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	2.1 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	5.2 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	6.9 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	8.5 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*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>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

7-Pink coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	6.9ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	0.6 ppm	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	3.2 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	7.7 ppm	<1 ppm	PASS	15000
Nickel (Ni)	4.7 ppm	<1 ppm	PASS	930
Strontium (Sr)	6.2 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	5.9 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

8-Blue coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	7.5 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	0.8 ppm	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	2.5 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	8.1 ppm	<1 ppm	PASS	15000
Nickel (Ni)	5.3 ppm	<1 ppm	PASS	930
Strontium (Sr)	7.1 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	6.5 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

**Sample 1-2**

**9-Red coating with print**

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	6.3 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	0.4 ppm	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	4.2 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	6.8 ppm	<1 ppm	PASS	15000
Nickel (Ni)	3.5 ppm	<1 ppm	PASS	930
Strontium (Sr)	5.9 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	4.8 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*Merkez Mahallesi Sanayi Cad. No.23 Altindag 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>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

**Sample 1-2**

**10-Purple coating with print**

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	8.3 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	26.0 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	9.0 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	7.7 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	8.5 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

11-Dark green coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	7.5 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	24.2 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	7.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	7.1 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	9.2 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

12-Brown coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	9.5 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	27.3 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	10.1 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	8.4 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	7.9 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>



Test Method	Result	Requirements
-------------	--------	--------------

## Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

13-Navy coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	7.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	12.0 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	7.7 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	8.5 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	6.8 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*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](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

14-Black coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	6.5 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	11.2 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	8.2 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	9.3 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	7.3 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

15-Dark brown coating with print

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	560
Arsenic (As)	Not Detected	<0.1 ppm	PASS	47
Barium (Ba)	8.6 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	17
Chromium (III)	Not Detected	<0.1 ppm	PASS	460
Chromium (VI)	Not Detected	0.1 ppm	PASS	0.2
Lead (Pb)	Not Detected	<0.1 ppm	PASS	160
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	94
Selenium (Se)	Not Detected	<0.1 ppm	PASS	460
Aluminium (Al)	13.4 ppm	<1 ppm	PASS	70000
Boron (B)	Not Detected	<1 ppm	PASS	15000
Cobalt (Co)	Not Detected	<1 ppm	PASS	130
Copper (Cu)	Not Detected	<1 ppm	PASS	7700
Manganese (Mn)	6.8 ppm	<1 ppm	PASS	15000
Nickel (Ni)	Not Detected	<1 ppm	PASS	930
Strontium (Sr)	7.9 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	Not Detected	<1.2 ppm	PASS	180000
Organic tin	Not Detected	<0.1 ppm	PASS	12
Zinc (Zn)	5.9 ppm	<1 ppm	PASS	46000

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

16-Light green lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	5.0 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	115.4 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	Not Detected	<1 ppm	PASS	622,5
Manganese (Mn)	1.3 ppm	<1 ppm	PASS	1200
Nickel (Ni)	Not Detected	<1 ppm	PASS	75
Strontium (Sr)	1.7 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	Not Detected	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL*

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

e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

17-Orange lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	5.9 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	117.2 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	Not Detected	<1 ppm	PASS	622,5
Manganese (Mn)	1.8 ppm	<1 ppm	PASS	1200
Nickel (Ni)	Not Detected	<1 ppm	PASS	75
Strontium (Sr)	1.9 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	Not Detected	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

18-Yellow lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	4.8 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	113.6 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	Not Detected	<1 ppm	PASS	622,5
Manganese (Mn)	1.5 ppm	<1 ppm	PASS	1200
Nickel (Ni)	Not Detected	<1 ppm	PASS	75
Strontium (Sr)	1.5 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	Not Detected	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

## Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

19-Pink lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	15.4 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	105.0 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	Not Detected	<1 ppm	PASS	622,5
Manganese (Mn)	2.2 ppm	<1 ppm	PASS	1200
Nickel (Ni)	2.3 ppm	<1 ppm	PASS	75
Strontium (Sr)	1.3 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	Not Detected	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

## Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

20-Blue lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	16.2 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	108.3 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	Not Detected	<1 ppm	PASS	622,5
Manganese (Mn)	2.7 ppm	<1 ppm	PASS	1200
Nickel (Ni)	3.3 ppm	<1 ppm	PASS	75
Strontium (Sr)	1.9 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	Not Detected	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*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](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>



Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

**Sample 1-2**

**21-Red lead**

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	17.3 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	106.2 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	Not Detected	<1 ppm	PASS	622,5
Manganese (Mn)	3.4 ppm	<1 ppm	PASS	1200
Nickel (Ni)	2.7 ppm	<1 ppm	PASS	75
Strontium (Sr)	1.2 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	Not Detected	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

## Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

22-Purple lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	40.0 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	101.0 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	1.0 ppm	<1 ppm	PASS	622,5
Manganese (Mn)	1.7 ppm	<1 ppm	PASS	1200
Nickel (Ni)	Not Detected	<1 ppm	PASS	75
Strontium (Sr)	2.5 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	91.5 ppm	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*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](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

23-Dark green lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	37.6 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	103.6 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	1.2 ppm	<1 ppm	PASS	622,5
Manganese (Mn)	1.9 ppm	<1 ppm	PASS	1200
Nickel (Ni)	Not Detected	<1 ppm	PASS	75
Strontium (Sr)	3.6 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	93.7 ppm	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

24-Brown lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	39.2 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	99.7 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	1.8 ppm	<1 ppm	PASS	622,5
Manganese (Mn)	1.5 ppm	<1 ppm	PASS	1200
Nickel (Ni)	Not Detected	<1 ppm	PASS	75
Strontium (Sr)	1.9 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	88.7 ppm	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*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](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

## Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

25-Navy lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	1.4 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	81.0 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	1.5 ppm	<1 ppm	PASS	622,5
Manganese (Mn)	3.0 ppm	<1 ppm	PASS	1200
Nickel (Ni)	2.1 ppm	<1 ppm	PASS	75
Strontium (Sr)	1.4 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	49.0 ppm	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

*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](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

Sample 1-2

26-Black lead

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	1.7 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	80.2 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	1.8 ppm	<1 ppm	PASS	622,5
Manganese (Mn)	3.5 ppm	<1 ppm	PASS	1200
Nickel (Ni)	1.7 ppm	<1 ppm	PASS	75
Strontium (Sr)	1.6 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	50.2 ppm	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
-------------	--------	--------------

**Toxic Elements Analysis**

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)

**Sample 1-2**

**27-Dark brown lead**

	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	Not Detected	<0.1 ppm	PASS	45
Arsenic (As)	Not Detected	<0.1 ppm	PASS	3,8
Barium (Ba)	1.1 ppm	<1 ppm	PASS	1500
Cadmium (Cd)	Not Detected	<0.1 ppm	PASS	1,3
Chromium (III)	Not Detected	<0.1 ppm	PASS	37,5
Chromium (VI)	Not Detected	0.1 ppm	PASS	0,02
Lead (Pb)	Not Detected	<0.1 ppm	PASS	13,5
Mercury (Hg)	Not Detected	<0.01 ppm	PASS	7,5
Selenium (Se)	Not Detected	<0.1 ppm	PASS	37,5
Aluminium (Al)	82.7 ppm	<1 ppm	PASS	5625
Boron (B)	Not Detected	<1 ppm	PASS	1200
Cobalt (Co)	Not Detected	<1 ppm	PASS	10,5
Copper (Cu)	1.1 ppm	<1 ppm	PASS	622,5
Manganese (Mn)	2.8 ppm	<1 ppm	PASS	1200
Nickel (Ni)	2.5 ppm	<1 ppm	PASS	75
Strontium (Sr)	1.1 ppm	<0.1 ppm	PASS	4500
Tin (Sn)	Not Detected	<1.2 ppm	PASS	15000
Organic tin	Not Detected	<0.1 ppm	PASS	0,9
Zinc (Zn)	47.6 ppm	<1 ppm	PASS	3750

ppm (Part per million)

=mg / kg

<

=Less Than

ND

=Not Detected

Detection Limit

=Mercury (Hg): <0.01 ppm, Others metal: <0.1 ppm



**Intertek Test Hizmetleri A.S.**

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

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

*e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)*

<http://www.intertek-turkey.com>

Test Method	Result	Requirements
<b>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>1-Composite sample of cream box with black print, white inner foam</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>2- Composite sample of light green coating with print, orange coating with print</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>3- Composite sample of yellow coating with print, pink coating with print</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>4- Composite sample of blue coating with print, red coating with print</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>5- Composite sample of purple coating with print, dark green coating with print</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>6- Composite sample of brown coating with print, navy coating with print</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>7- Composite sample of black coating with print, dark brown coating with print</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>8- Composite sample of light green lead, orange lead, yellow lead, pink lead, blue lead</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
Sample 1-2		
<b>9- Composite sample of red lead, purple lead, dark green lead, brown lead, navy lead</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>PHTHALATE CONTENT</b>		
INTERTEK IHTM AL.2.026 based on EN 14372 : 2004		
<b>Sample 1-2</b>		
<b>10- Composite sample of black lead, dark brown lead</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
-------------	--------	--------------

**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 **Sample 1-2**

- 1- Composite sample of light green coating with print, orange coating with print, yellow coating with print (without extraction) <30 ppm
- 2- Composite sample of pink coating with print, blue coating with print, red coating with print (without extraction)
- 3- Composite sample of purple coating with print, dark green coating with print, brown coating with print (without extraction)
- 4- Composite sample of navy coating with print, black coating with print, dark brown coating with print (without extraction)
- 5- Composite sample of light green lead, orange lead, yellow lead (without extraction)
- 6- Composite sample of pink lead, blue lead, red lead (without extraction)
- 7- Composite sample of purple lead, dark green lead, brown lead (without extraction)
- 8- Composite sample of navy lead, black lead, dark brown lead (without extraction)

FORBIDDEN AMINE	CAS NO	RESULT							
		1	2	3	4	5	6	7	8
4-AMINOBIPHENYL	92-67-1	N	N	N	N	N	N	N	N
BENZIDINE	92-87-5	N	N	N	N	N	N	N	N
CHLORO-O-4-CHLOR-O-TOLUIDINE	95-69-2	N	N	N	N	N	N	N	N
2-NAPHTHYLAMINE	91-59-8	N	N	N	N	N	N	N	N
*O-AMINOAZOTOLUENE	97-56-3	N	N	N	N	N	N	N	N
*2-AMINO-4-NITROTOLUENE	99-55-8	N	N	N	N	N	N	N	N
P-CHLOROANILINE	106-47-8	N	N	N	N	N	N	N	N
2,4-DIAMINOANISOLE	615-05-4	N	N	N	N	N	N	N	N
4,4'-DIAMINOBIPHENYLMETHANE	101-77-9	N	N	N	N	N	N	N	N
3,3'-DICHLOROBENZIDINE	91-94-1	N	N	N	N	N	N	N	N
3,3'-DIMETHOXYBENZIDINE	119-90-4	N	N	N	N	N	N	N	N
3,3'-DIMETHYLBENZIDINE	119-93-7	N	N	N	N	N	N	N	N
3,3'-DIMETHYL-4,4' DIAMINOBIPHENYLMETHANE	838-88-0	N	N	N	N	N	N	N	N
P-CRESIDINE	120-71-8	N	N	N	N	N	N	N	N
4,4'-METHYLENE-BIS-(2 CHLOROANILINE)	101-14-4	N	N	N	N	N	N	N	N
4,4'-OXYDIANILINE	101-80-4	N	N	N	N	N	N	N	N
4,4'-THIODIANILINE	139-65-1	N	N	N	N	N	N	N	N
O-TOLUIDINE	95-53-4	N	N	N	N	N	N	N	N
2,4-TOLUYLENDIAMINE	95-80-7	N	N	N	N	N	N	N	N
2,4,5-TRIMETHYLANILINE	137-17-7	N	N	N	N	N	N	N	N
O-ANISIDINE	90-04-0	N	N	N	N	N	N	N	N
**P-AMINOAZOBENZENE	60-09-3	N	N	N	N	N	N	N	N
2,4 XYLIDINE	95-68-1	N	N	N	N	N	N	N	N
2,6 XYLIDINE	87-62-7	N	N	N	N	N	N	N	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

(Estimated Total uncertainty=± 9 %)



Test Method	Result	Requirements
-------------	--------	--------------



## END OF TEST REPORT ##



**Intertek Test Hizmetleri A.S.**

*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@turkiye.intertek.com](mailto:intertek@turkiye.intertek.com)*

<http://www.intertek-turkey.com>