

TEST REPORT**REPORT NUMBER : TURT110032978-REVISED 01****APPLICANT NAME Uçar Oyuncak San.ve Tic.Ltd.Şti.****ADDRESS** Hadımköy Ömerli Mah.İstanbul Yolu Cad. No:36 Arnavutköy İstanbul TÜRKİYE
FAX NO :0212 798 27 52
Attention :Mine Uçar (info@ucaroyuncak.com)**BUYER NOT GIVEN****SAMPLE DESCRIPTION :**

- Sample 1** One sample of blue, yellow, orange, black plastic truck toy and yellow, orange, blue, green blocks
- Sample 2** One sample of light pink granule
One sample of black granule
One sample of white granule
One sample of red granule
One sample of navy granule
One sample of purple granule
One sample of grey granule
One sample of green granule
One sample of orange granule
One sample of yellow granule
One sample of blue granule
One sample of pink granule
One sample of fuchsia granule

DATE IN : 08 April, 2011 (08:22)**RESUBMIT DATE: 13 April, 2011****DATE OUT : 18 April, 2011 / 27 August, 2013****ITEM NO :** Not given**YOUR REFERENCE:** 87 TONTON TRUCK WITH BLOCK**COUNTRY OF ORIGIN:** TURKEY**NOTE :** In this revised 01 report, Toxic Elements Analysis and Total Phthalate Content tests results (sample 2) were taken from report no TURT130108487 dated on 29 July, 2013 and previous Safety Of Toys Part 3:Specification For Migration Of Certain Elements and Total Phthalate Content tests results were removed by the request of the applicant.

PP



Pelin Turan

Sinan ÖNCEL
CUSTOMER CARE MANAGERMelahat YILDIRIM
COORDINATOR

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Intertek Test Hizmetleri A.S.
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna 34197 - ISTANBUL / TURKEY
Phone : +90.212. 496 41 41 Fax: +90.212. 452 80 55
e-mail : labtest.turkey@intertek.com
www.intertek-cg-tur.



110032978

Test Method	Result	Requirements
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TEST	Sample 1	Sample 2
SAFETY OF TOYS-PART 1 MECHANICAL AND PHYSICAL PROPERTIES	P	X
SAFETY OF TOYS-PART 2:FLAMMABILITY	P	X
TOXIC ELEMENTS ANALYSIS	X	P
TOTAL PHTHALATE CONTENT	X	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

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.



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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: 2005+A9: 2009, EN 71-1: 2005+A9: 2009 – Safety of Toys - Specification for Mechanical and Physical Properties

Sample 1

The item was labeled "WARNING! Choking hazard. Small parts not for children under 3 years."
The item was tested for children aged over 10 months by the request of the applicant.
The item was packaging in a net which was considered to be disposable.

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points & Metallic Wires	Pass
5	Toys Intended For Children Under 36 Months	
5.1	General Requirements	
	a) Toys and removable components	Pass
	b) Use and abuse test and springs	Pass
	f) Surface & Accessible edges - free from splinter	Pass
7	Warning and Instruction for Use	
7.1	General	Pass



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Test Method	Result	Requirements
Specification: BS EN 71-2: 2006+A1: 2007, EN 71-2: 2006+A1: 2007 Safety of Toys – Flammability		
Sample 1		
SECTION	TEST	RESULTS
4.1	General	
	Celluloid/cellulose nitrate and materials with a similar burning behaviour in fire	Pass



Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Light pink granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	2 ppm	PASS	70000
Boron (B)	0.2 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	3.7 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	2.2 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



Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Black granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	7 ppm	PASS	70000
Boron (B)	< 0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	3.2 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	3.2 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



Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

White granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	1.2 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	1.4 ppm	PASS	70000
Boron (B)	< 0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.5 ppm	PASS	7700
Manganese (Mn)	0.6 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	4.3 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	0.5 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



2111

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

Phone : +90.212. 496 41 41 Fax: +90.212. 452 80 55

e-mail : labtest.turkey@intertek.com

www.intertek-cg-tur.

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Toxic Elements Analysis			
PR EN 71-3 : 2013			
Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)			
Sample 2			
Red granule	RESULT (ppm)	PASS/FAIL	
		REQUIREMENT (ppm)	
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	0.2 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	0.7 ppm	PASS	70000
Boron (B)	0.3 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	1 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	4.6 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	10.7 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



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e-mail : labtest.turkey@intertek.com

www.intertek-cg-tur.

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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Navy granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	0.3 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	242.9 ppm	PASS	70000
Boron (B)	1.8 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.1 ppm	PASS	7700
Manganese (Mn)	0.6 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	3.7 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	38.6 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



Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Purple granule

	<u>RESULT (ppm)</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	0.2 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	214.7 ppm	PASS	70000
Boron (B)	1.7 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.1 ppm	PASS	7700
Manganese (Mn)	0.4 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	2.6 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	34.5 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



Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Grey granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	6.6 ppm	PASS	70000
Boron (B)	< 0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.3 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	2.8 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	3.1 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



2111

Intertek Test Hizmetleri A.S.

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

Phone : +90.212. 496 41 41 Fax: +90.212. 452 80 55

e-mail : labtest.turkey@intertek.com

www.intertek-cg-tur.

Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Green granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	0.5 ppm	PASS	70000
Boron (B)	0.2 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.7 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	4.3 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	9.8 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



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www.intertek-cg-tur.

Test Method	Result	Requirements	
Toxic Elements Analysis			
PR EN 71-3 : 2013			
Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)			
Sample 2			
Orange granule	RESULT (ppm)	PASS/FAIL	
		REQUIREMENT (ppm)	
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	2.8 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	2.9 ppm	PASS	70000
Boron (B)	0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.6 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	4 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	2.2 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



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www.intertek-cg-tur.

Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Yellow granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	2.3 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	2.7 ppm	PASS	70000
Boron (B)	0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.2 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	3.5 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	1.7 ppm	PASS	46000

ppm (Part per million)

<

ND

Detection Limit

=mg / kg

=Less Than

=Not Detected

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



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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Blue granule	RESULT (ppm)	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	1.1 ppm	PASS	70000
Boron (B)	< 0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	3.8 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	22.2 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



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Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

<u>Pink granule</u>	<u>RESULT (ppm)</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	1.7 ppm	PASS	70000
Boron (B)	0.2 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.4 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	3.6 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	1.9 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



Test Method	Result	Requirements
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Toxic Elements Analysis

PR EN 71-3 : 2013

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

Sample 2

Fuchsia granule	<u>RESULT (ppm)</u>	<u>PASS/FAIL</u>	<u>REQUIREMENT (ppm)</u>
Antimony (Sb)	< 0.1 ppm	PASS	560
Arsenic (As)	< 0.1 ppm	PASS	47
Barium (Ba)	< 0.1 ppm	PASS	18750
Cadmium (Cd)	< 0.1 ppm	PASS	17
Chromium (III)	< 0.1 ppm	PASS	460
Chromium (VI)	< 0.1 ppm	PASS	0,2
Lead (Pb)	< 0.1 ppm	PASS	160
Mercury (Hg)	< 0.01 ppm	PASS	94
Selenium (Se)	< 0.1 ppm	PASS	460
Aluminium (Al)	0.9 ppm	PASS	70000
Boron (B)	< 0.1 ppm	PASS	15000
Cobalt (Co)	< 0.1 ppm	PASS	130
Copper (Cu)	0.4 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	PASS	15000
Nickel (Ni)	< 0.1 ppm	PASS	930
Strontium (Sr)	2.9 ppm	PASS	56000
Tin (Sn)	< 0.1 ppm	PASS	180000
Organic tin	< 0.1 ppm	PASS	12
Zinc (Zn)	18.3 ppm	PASS	46000

ppm (Part per million)

<

ND

Detection Limit

=mg / kg

=Less Than

=Not Detected

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



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Intertek Test Hizmetleri A.S.

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

Phone : +90.212. 496 41 41 Fax: +90.212. 452 80 55

e-mail : labtest.turkey@intertek.com

www.intertek-cg-tur.

Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

Sample 2

1- Composite sample of light pink granule, light pink plastic, black granule, black plastic, white granule

	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 %)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

Sample 2

2- Composite sample of white plastic, red granule, red plastic, navy granule, navy plastic	
	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 %)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

Sample 2

3- Composite sample of purple granule, purple plastic, grey granule, grey plastic, green granule	
	<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 %)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

Sample 2

4- Composite sample of green plastic, orange granule, orange plastic, yellow plastic, yellow granule	
	<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

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

Sample 2

5- Composite sample of blue granule, blue plastic, pink granule

	<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 %)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

Sample 2

6- Composite sample of pink plastic, fuchsia granule, fuchsia 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.
 =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 %)



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Test Method	Result	Requirements
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END OF TEST REPORT