

TEST REPORT

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REPORT NUMBER: TURT150029809 REVISED 01

APPLICANT NAME Uçar Oyuncak San.ve Tic.Ltd.Şti.

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Attention: Mine Uçar (info@ucaroyuncak.com)

BUYER NOT GIVEN

SAMPLE DESCRIPTION:

Sample 1 One sample of light pink granule with light pink plastic piece Sample 2 One sample of black granule with black plastic piece Sample 3 One sample of white granule with white plastic piece Sample 4 One sample of red granule with red plastic piece Sample 5 One sample of navy granule with three navy plastic piece Sample 6 One sample of purple granule with navy plastic piece Sample 7 One sample of grey granule with grey plastic piece Sample 8 One sample of green granule with grey plastic piece Sample 9 One sample of orange granule with orange plastic piece Sample 10 One sample of yellow granule with yellow plastic piece Sample 11 One sample of blue granule with blue plastic piece Sample 12 One sample of pink granule with pink plastic piece Sample 13 One sample of fuchsia granule with pink plastic piece Sample 14 One sample of cleaning bucket brush set - 147

Sample 15 One sample of princess maya & friends tea set - 151

DATE IN: 24 February, 2015 (09:43)

DATE OUT: 28 February, 2015 / 24 July, 2015

121

COUNTRY OF ORIGIN: TURKEY ITEM NO: 147 - 151**REFERANCE ITEM:**

AGE GRADING: NOT GIVEN

NOTE 1: In this report, Toxic Elements Analysis and Total Phthalate Content tests results were taken

from report number TURT130108487-REVISED 01dated 16 February, 2015 by the request of

the applicant.

NOTE 2: In this revised report 01, referance item was added by the request of the applicant.

This report replaced the report no TURT150029809 dated on 28 February,2015 and must be

used instead of it.

Report no TURT150029809 dated on 28 February, 2015 is invalid.

Melahat YILDIRIM COORDINATOR

Melahaf

Sinan ÖNCEL/ Customer Care Manager Özlem ÇAVUMİRZA/Textile Laboratory

Simon offered

Manager



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24 July, 2015 REPORT:TURT150029809_REVISED 01

> **Test Method** Result Requirements

TEST	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7
SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES	X	Х	Х	Х	Х	Х	Х
SAFETY OF TOYS-PART 2:FLAMMABILITY	X	Х	Х	X	Х	Х	X
TOXIC ELEMENTS ANALYSIS	Р	Р	Р	Ρ	Р	Р	Р
TOTAL PHTHALATE CONTENT	Р	Р	Р	Р	Р	Р	Р

TEST	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 13	Sample 14	Sample 15
SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES	X	Х	Х	Х	Х	Х	Р	P (Except 7.2)
SAFETY OF TOYS-PART 2:FLAMMABILITY	Χ	Χ	Χ	Χ	Χ	Χ	Р	Р
TOXIC ELEMENTS ANALYSIS	Р	Р	Р	Р	Ρ	Р	Χ	Χ
TOTAL PHTHALATE CONTENT	Р	Р	Р	Р	Р	Р	X	X

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

The reported uncertainity is based on a standard uncertainity multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainity evaluation has been carried out in accordance with ISO/IEC 17025 and TURKAK accreditation requirements. Unless otherwise is specified, all Pass or Fall results are given without uncertainity considered. When uncertainity 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.





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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: 2014- Safety of Toys - Specification for Mechanical and Physical Properties

There is no age information on the toy or its packaging.

The item was tested for children aged over 36 months by the request of the applicant

The item was packaging in a net which was considered to be disposable.

Sample 14

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





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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** (Present)
- The name and address of the and importer.** (Not 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 (Not 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





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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: 2014- Safety of Toys - Specification for Mechanical and Physical Properties

The item was labelled "Warning! Choking hazard. Small parts not for children under 3 years" The item was tested for children aged over 36 months by the request of the applicant The item was packaging in a net which was considered to be disposable.

Sample 15

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points & Metallic Wires	Pass
4.11	Mouth-Actuated Toys and Other Toys Intended to be Put in the Mouth	
	a) Toy intended to be put in the mouth, removable mouth pieces and other removable components of toys intended to be put in the mouth	Pass
	b) Mouthpieces and other components of toys intended to be put in the mouth	Pass
6	Packaging	
	a)Average Sheet Thickness	Pass
	b)Using drawstring or cords as a means of closing	Pass
7	Warning and Instruction for Use	
7.1	General	##
7.2	Toys not intended for children under 36 months	Pass





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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** (Present)
- The name and address of the and importer.** (Not 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





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Test Method Result Requirements

Specification: BS EN 71 - 2: 2011+ A1:2014 Safety of Toys - Flammability

Sample 14-15

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





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Test Method Result Requirements

Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS) Sample 1

Light pink granule

pilik granule				
	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (Al)	2 ppm	<1 ppm	PASS	70000
Boron (B)	0.2 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	3.7 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	2.2 ppm	<1 ppm	PASS	46000
Part par million)	-ma/ka			

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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) <u>Sample 2</u>

Black granule

•	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	7 ppm	<1 ppm	PASS	70000
Boron (B)	0.2 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	3.2 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	3.2 ppm	<1 ppm	PASS	46000
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ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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Test Method Result Requirements

Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

 $\label{local_problem} \mbox{Acid extraction method determined by Inductively Coupled Plasma-Mass Spectrometer (ICP / MS)}$

Sample 3

White granule

granaic	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	1.2 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	1.4 ppm	<1 ppm	PASS	70000
Boron (B)	0.2 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.5 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.6 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	4.3 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	0.5 ppm	<1 ppm	PASS	46000

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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 4

Red granule

,	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	0.2 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (Al)	0.7 ppm	<1 ppm	PASS	70000
Boron (B)	0.3 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	1 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	4.6 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	10.7 ppm	<1 ppm	PASS	46000
Part per million)	=ma/ka			

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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) <u>Sample 5</u>

Navy granule

	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	0.3 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	242.9 ppm	<1 ppm	PASS	70000
Boron (B)	1.8 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.1 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.6 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	3.7 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	38.6 ppm	<1 ppm	PASS	46000

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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) <u>Sample 6</u>

Purple granule

e granule				
	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	0.2 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (Al)	214.7 ppm	<1 ppm	PASS	70000
Boron (B)	1.7 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.1 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.4 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	2.6 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	34.5 ppm	<1 ppm	PASS	46000
Part par million)	-ma/ka			

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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 7

Grey granule

granaic	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
* *	<0.1 ppm	<1 ppm	PASS	18750
Barium (Ba)				
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (Al)	6.6 ppm	<1 ppm	PASS	70000
Boron (B)	<0.1 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.3 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	2.8 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	3.1 ppm	<1 ppm	PASS	46000

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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) <u>Sample 8</u>

Green granule

	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	0.5 ppm	<1 ppm	PASS	70000
Boron (B)	0.2 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.7 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	4.3 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	9.8 ppm	<1 ppm	PASS	46000
5 ()				

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

Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

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

Sample 9

Orange granule

go granaio				
	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	2.8 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	2.9 ppm	<1 ppm	PASS	70000
Boron (B)	0.1 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.6 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	4 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	2.2 ppm	<1 ppm	PASS	46000

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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Toxic Elements Analysis

BS EN 71-3:2013+A1:2014

Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS) <u>Sample 10</u>

Yellow granule

	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	2.3 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	2.7 ppm	<1 ppm	PASS	70000
Boron (B)	0.1 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.2 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	3.5 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	1.7 ppm	<1 ppm	PASS	46000
·				

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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) <u>Sample 11</u>

Blue granule

granue				
•	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	1.1 ppm	<1 ppm	PASS	70000
Boron (B)	<0.1 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	3.8 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	22.2 ppm	<1 ppm	PASS	46000
_				

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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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) <u>Sample 12</u>

Pink granule

ranule				
•	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	1.7 ppm	<1 ppm	PASS	70000
Boron (B)	0.2 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.4 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	3.6 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	1.9 ppm	<1 ppm	PASS	46000

ppm (Part per million) =mg / kg < =Less Than ND =Not Detected





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> **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 13 Fuchsia granule

	RESULT (ppm)	DETECTION LIMIT	PASS/FAIL	REQUIREMENT (ppm)
Antimony (Sb)	<0.1 ppm	<0.1 ppm	PASS	560
Arsenic (As)	<0.1 ppm	<0.1 ppm	PASS	47
Barium (Ba)	<0.1 ppm	<1 ppm	PASS	18750
Cadmium (Cd)	<0.1 ppm	<0.1 ppm	PASS	17
Chromium (III)	<0.1 ppm	<0.1 ppm	PASS	460
Chromium (VI)	<0.1 ppm	0.1 ppm	PASS	0.2
Lead (Pb)	<0.1 ppm	<0.1 ppm	PASS	160
Mercury (Hg)	<0.01 ppm	<0.01 ppm	PASS	94
Selenium (Se)	<0.1 ppm	<0.1 ppm	PASS	460
Aluminium (AI)	0.9 ppm	<1 ppm	PASS	70000
Boron (B)	<0.1 ppm	<1 ppm	PASS	15000
Cobalt (Co)	<0.1 ppm	<1 ppm	PASS	130
Copper (Cu)	0.4 ppm	<1 ppm	PASS	7700
Manganese (Mn)	0.5 ppm	<1 ppm	PASS	15000
Nickel (Ni)	<0.1 ppm	<1 ppm	PASS	930
Strontium (Sr)	2.9 ppm	<0.1 ppm	PASS	56000
Tin (Sn)	<0.1 ppm	<1.2 ppm	PASS	180000
Organic tin	<0.1 ppm	<0.1 ppm	PASS	12
Zinc (Zn)	18.3 ppm	<1 ppm	PASS	46000
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ppm (Part per million) =mg/kg =Less Than ND =Not Detected





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Test Method Result Requirements

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372: 2004

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

Sample 1&2&3

1- Composite sample of light pink granule, light pink pla (Sample 1&2&3)	stic, 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 LIMITND =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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REPORT:TURT150029809_REVISED 01 24 July, 2015

> **Test Method** Result Requirements

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372: 2004

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

Sample 3&4&5

2- Composite sample of white plastic, red granule, red pla (Sample 3&4&5)	astic, navy granule, navy plastic
(Sample S&4&S)	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

= DINP, DIDP: 100 ppm, Other phthalates: 10 ppm **Detection Limit**

=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

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372: 2004

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

Sample 6&7&8

rey granule, grey plastic, green granule
RESULT (%, w/w)
ND
ND
ND
ND
TOTAL 0,1% (1000 ppm)
RESULT (%, w/w)
ND
ND
ND
ND
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

= DINP, DIDP: 100 ppm, Other phthalates: 10 ppm **Detection Limit**

=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

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372: 2004

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

Sample 8&9&10

	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

= DINP, DIDP: 100 ppm, Other phthalates: 10 ppm **Detection Limit**

=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

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372: 2004

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

Sample 11&12

ranule (Sample 11&12)
RESULT (%, w/w)
ND
ND
ND
ND
TOTAL 0,1% (1000 ppm)
RESULT (%, w/w)
ND
ND
ND
ND
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

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(Estimated Total uncertainty=± 5 %)





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Test Method Result Requirements

TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372: 2004

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

Sample 12&13

2- Composite sample of pink plastic, fuchsia granule, fuchsia plastic (Sample 12&13)		
·	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

> > Sample 1 Sample 2





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Sample 3 Sample 4









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> **Test Method** Result Requirements









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Test Method Result Requirements









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> **Test Method** Result Requirements



Sample 15



END OF TEST REPORT

