

## TEST REPORT

**REPORT NUMBER :** TURT170218046\_REVISED02  
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**BUYER** TOYS  
**SAMPLE DESCRIPTION :** One samples of Magic blocks 114 pcs  
**DATE IN :** 20 November, 2017 (12:02)  
**RESUBMIT DATE :** 01 December, 2017 / 07 December,2017  
**DATE OUT :** 24 November, 2017 / 05 December, 2017 / 12 December, 2017  
**MODEL NO :** -  
**COUNTRY OF ORIGIN :** TURKEY  
**NOTE :**

In this revised 02 report, safety of toys-part 1 mechanical and physical properties test was re-performed on the sample (only bag)received on 07 December, 2017 and the previous test result was removed by the request of the applicant.  
This report replaces the report no TURT170218046\_REV01 dated on 05 December, 2017 and must be used instead of it.  
Report no TURT170218046 \_REV01 dated 05 December, 2017 is invalid.

Melahat

N. Sözer

Melahat YILDIRIM  
Customer Care Executive

Neslihan Sözer Softline&Hardline Türkiye Müdürü

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170218046\_REVISED02

Test Method	Result	Requirements
<b>TEST</b>		<b>Sample</b>
SAFETY OF TOYS-PART 1 MECHANICAL AND PHYSICAL PROPERTIES		P
SAFETY OF TOYS-PART 2:FLAMMABILITY		P
DETERMINATION OF SOLUBLE HEAVY METAL		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

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 provided 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>.

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

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

**Specification: BS EN 71 – 1 : 2014– Safety of Toys – Specification for Mechanical and Physical Properties**

The item was labelled: WARNING Not intended for children under 1 years of age,as this product contains small parts."Choking Hazard"

The item was tested for children aged over 10 months.

The item was packaging in special plastic bag which was considered to be for retention.

SECTION	TEST	RESULTS
4	<b>General Requirements</b>	
4.1	<b>Material</b>	Pass
4.7	<b>Edges</b>	Pass
4.8	<b>Points &amp; Metallic Wires</b>	Pass
5	<b>Toys Intended For Children Under 36 Months</b>	
5.1	<b>General Requirements</b>	
	a) Toys and removable components	Pass
	b) Use and abuse test and springs	Pass
5.10	<b>Small Balls</b>	Pass
6)	<b>Packaging</b>	
	a) Average sheet thickness	Pass
7	<b>Warning and Instruction for Use</b>	##

Test Method	Result	Requirements
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## 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 importer.\*\* **(Not Present)**
- type, batch, serial or model number or other element allowing of toy identification **(Present)**
  - A CE mark in the correct shape and size. **(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 .

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

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

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

The test results thus obtained can not be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition.

Test Method	Result	Requirements		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>1-Multicolor sticker</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
	<b>PASS/FAIL</b>	<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	228.3	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	2.7	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	8.8	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>2-White plastic part</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
	<b>PASS/FAIL</b>	<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	Not Detected	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>3-Blue plastic part</b>				
	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>		
		<u>PASS/FAIL</u>		
		<u>REQUIREMENT (ppm)</u>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	Not Detected	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>4-Purple plastic part</b>				
	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>		
		<u>PASS/FAIL</u>		
		<u>REQUIREMENT (ppm)</u>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	Not Detected	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>5-Yellow plastic part</b>				
	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>		
		<u>PASS/FAIL</u>		
		<u>REQUIREMENT (ppm)</u>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	Not Detected	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>6-Orange plastic part</b>				
	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>		
		<u>PASS/FAIL</u>		
		<u>REQUIREMENT (ppm)</u>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	Not Detected	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>7-Green plastic part</b>				
	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>		
		<u>PASS/FAIL</u>		
		<u>REQUIREMENT (ppm)</u>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	Not Detected	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>8-Navy zipper teeth</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
		<b>PASS/FAIL</b>		
		<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	3.0	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>9-Blue plastic outer main</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
		<b>PASS/FAIL</b>		
		<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	2.6	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

ppm (Part per million)

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=Less Than

ND

=Not Detected

Detection Limit

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

Test Method	Result	Requirements		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>10-Transparent plastic part</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
	<b>PASS/FAIL</b>	<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	1.6	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	4.4	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>11-White inner lining</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
		<b>PASS/FAIL</b>		
		<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	3.8	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>12-Blue zipper tape</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
		<b>PASS/FAIL</b>		
		<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	3.4	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>13-Navy handle</b>				
	<b>RESULT (ppm)</b>	<b>DETECTION LIMIT</b>		
		<b>PASS/FAIL</b>		
		<b>REQUIREMENT (ppm)</b>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	3.0	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	Not Detected	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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		
<b>Determination of Soluble Heavy Metal</b>				
BS EN 71-3:2013+A1:2014				
Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS				
<b>14-Multicolor box</b>				
	<u>RESULT (ppm)</u>	<u>DETECTION LIMIT</u>		
		<u>PASS/FAIL</u>		
		<u>REQUIREMENT (ppm)</u>		
Antimony (Sb)	Not Detected	0,125 ppm	PASS	560
Arsenic (As)	Not Detected	0,125 ppm	PASS	47
Barium (Ba)	Not Detected	0,125 ppm	PASS	18750
Cadmium (Cd)	Not Detected	0,125 ppm	PASS	17
Chromium (III)	Not Detected	0,125 ppm	PASS	460
Chromium (VI)	Not Detected	0,125 ppm	PASS	0.2
Lead (Pb)	Not Detected	0,125 ppm	PASS	160
Mercury (Hg)	Not Detected	0,0125 ppm	PASS	94
Selenium (Se)	Not Detected	0,125 ppm	PASS	460
Aluminium (Al)	71.6	0,125 ppm	PASS	70000
Boron (B)	Not Detected	0,125 ppm	PASS	15000
Cobalt (Co)	Not Detected	0,125 ppm	PASS	130
Copper (Cu)	Not Detected	0,125 ppm	PASS	7700
Manganese (Mn)	Not Detected	0,125 ppm	PASS	15000
Nickel (Ni)	Not Detected	0,125 ppm	PASS	930
Strontium (Sr)	Not Detected	0,125 ppm	PASS	56000
Tin (Sn)	Not Detected	1,25 ppm	PASS	180000
Organic tin*	Not Detected	0,125 ppm	PASS	12
Zinc (Zn)	1.8	0,125 ppm	PASS	46000

\*The reported value was calculated by summation of the migration values of Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin, Trimethyl tin, Tri-n-octyl tin and Tri-cyclohexyl tin.

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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Received on 07 December,2017

## END OF TEST REPORT ##