



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T
TURT220147283
01-23

TEST REPORT

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REPORT NUMBER : TURT220147283
APPLICANT NAME Playcity Akıl ve Zeka Oyunları SAN.Tic.Ltd.Şti.
ADDRESS OSB.Mh. Orkide Cad. No:2/1 Beylikdüzü/İstanbul
Tel: 0533 286 41 87
Attention : Ali Demirci, Levent Kılıç (muhasabe@playcity.com.tr;ben.leventkilic@gmail.com)
SAMPLE DESCRIPTION :
Sample 1: One sample of 6 cm 50Pcs Colorfull Ball Standart 01-001
Sample 2: One sample of 6 cm 100Pcs Colorfull Ball Standart 01-002
Sample 3: One sample of 7 cm 50Pcs White Ball Premium 01-008
Sample 4: One sample of 7 cm 50Pcs Pink Ball Premium 01-007
Sample 5: One sample of 7 cm 50Pcs Silver Ball Premium 01-009
Sample 6: One sample of 7 cm 50Pcs Mint Ball Premium 01-012
DATE IN: 21 December, 2022 (15:55)
RESUBMIT DATE : 23 December, 2022
DATE OUT : 02 January, 2023
TESTED MODEL NO :
Sample 1: 01-001
Sample 2: -
Sample 3: 01-016
Sample 4: -
Sample 5: -
Sample 6: -

Ezgi Aleyna Arı
Senior Customer Care Executive

Zeynep Akın
Chemical Laboratory Manager

Nida Arslanbay
Textile Laboratory Manager

Ismail AVCIOĞLU
Textile Laboratory
Assistant Manager

Intertek Test Hizmetleri A.S.
Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - İSTANBUL / TURKEY
Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55
e-mail : interteckg.turkiye@intertek.com
www.intertek-turkey.com



220147283

R E S U L T S

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CLAIMED MODEL NO:

Sample 1: 01-001
Sample 2: 01-002
Sample 3: 01-008
Sample 4: 01-007
Sample 5: 01-009
Sample 6: 01-012

COUNTRY OF ORIGIN :

Sample 1: TURKEY
Sample 2: -
Sample 3: TURKEY
Sample 4: -
Sample 5: -
Sample 6: -

R E S U L T S

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TEST	Sample 1	Sample 2	Sample 3
SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES	P	X	P
SAFETY OF TOYS – PART 2: FLAMMABILITY	X	P	X
SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS	X	P	P
PHTHALATE CONTENT	X	P	X

TEST	Sample 4	Sample 5	Sample 6
SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES	X	X	X
SAFETY OF TOYS – PART 2: FLAMMABILITY	P	X	X
SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS	P	P	P
PHTHALATE CONTENT	P	P	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE/ LS : LACK OF SAMPLE

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Sample 1	6 cm 50Pcs Colorfull Ball Standart 01-001
Sample 2	6 cm 100Pcs Colorfull Ball Standart 01-002
Sample 3	7 cm 50Pcs White Ball Premium 01-008
Sample 4	7 cm 50Pcs Pink Ball Premium 01-007
Sample 5	7 cm 50Pcs Silver Ball Premium 01-009
Sample 6	7 cm 50Pcs Mint Ball Premium 01-012
PARTS	
1	Blue plastic ball (Sample 2)
2	Yellow plastic ball (Sample 2)
3	Red plastic ball (Sample 2)
4	Green plastic ball (Sample 2)
5	White plastic ball (Sample 3)
6	Pink plastic ball (Sample 4)
7	Silver plastic ball (Sample 5)
8	Mint green plastic ball (Sample 6)

RESULTS

REPORT : TURT220147283

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

SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

BS EN 71 – 1: 2014 + A1 : 2018

The item was labelled: "UYARILAR +12" "WARNINGS +12"

The item was tested for children aged over 10 months.

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

Sample 1

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Point & 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
5.10	Small Balls	Pass
7	Warning and Instruction for Use	
7.1	General #	Pass

R E S U L T S

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Requirements of clause 7.1 is as below. Only requirements that can be checked (as summited) were considered.

Warnings on toys shall not be misleading or incorrect. Toys intended for children under 36 months shall comply with the requirements in Clause 5. A warning on a toy or its packaging does not release the manufacturer or his authorized representative from the obligation to meet these requirements. A toy shall not bear a warning that conflicts with the intended use of the toy, as determined by virtue of its function, dimension and characteristics.

The warnings shall be preceded by the words "Warning" or "Warnings", as appropriate (i.e. instead of repeating the word "Warning" before each warning when several of the warnings in Clause 7 are present, the word "Warnings" may be used once). The word "Warning" or "Warnings" may be followed by punctuation, e.g. an exclamation mark.

The manufacturer shall mark the warnings in a clearly visible, easily legible and understandable and accurate manner on the toy, on an affixed label or on the packaging and, if appropriate, include the warnings in the instructions for use.

Manufacturers shall for that purpose consider the good practice given in A.33.

In the following clauses, the location of the warnings is therefore indicated (on the toy itself, on the packaging, in the instructions for use, on an accompanying leaflet). Warnings which determine the decision to purchase the toy shall appear on the consumer packaging or be otherwise clearly visible to the consumer before the purchase.

Small toys that are sold without packaging (for example from a display box or from a vending machine) shall have the appropriate warnings affixed to them. In all cases the warning shall be clearly legible at the point of sale. It is not sufficient to place the warning(s) only on a display box.

For information, it should be noted that the requirement that certain warnings shall be "clearly visible to the consumer at the time of purchase" applies also in cases where the purchase is made on line (e.g. internet) or by catalogue or by other means where the buyer does not have access to the toy at the time of purchase.

In the following subclauses a requirement, that a toy shall carry a warning shall mean that the warning shall appear on the toy itself.

NOTE:

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 and importer.

Estimated Total Uncertainty = ($\pm 19.9\%$)

RESULTS

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

SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

BS EN 71 – 1: 2014 + A1 : 2018

The item was labelled: "UYARILAR +12" "WARNINGS +12"

The item was tested for children aged over 10 months.

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

Sample 3

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Point & 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
5.10	Small Balls	Pass
7	Warning and Instruction for Use	
7.1	General #	Pass

R E S U L T S

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Requirements of clause 7.1 is as below. Only requirements that can be checked (as summited) were considered.

Warnings on toys shall not be misleading or incorrect. Toys intended for children under 36 months shall comply with the requirements in Clause 5. A warning on a toy or its packaging does not release the manufacturer or his authorized representative from the obligation to meet these requirements. A toy shall not bear a warning that conflicts with the intended use of the toy, as determined by virtue of its function, dimension and characteristics.

The warnings shall be preceded by the words "Warning" or "Warnings", as appropriate (i.e. instead of repeating the word "Warning" before each warning when several of the warnings in Clause 7 are present, the word "Warnings" may be used once). The word "Warning" or "Warnings" may be followed by punctuation, e.g. an exclamation mark.

The manufacturer shall mark the warnings in a clearly visible, easily legible and understandable and accurate manner on the toy, on an affixed label or on the packaging and, if appropriate, include the warnings in the instructions for use.

Manufacturers shall for that purpose consider the good practice given in A.33.

In the following clauses, the location of the warnings is therefore indicated (on the toy itself, on the packaging, in the instructions for use, on an accompanying leaflet). Warnings which determine the decision to purchase the toy shall appear on the consumer packaging or be otherwise clearly visible to the consumer before the purchase.

Small toys that are sold without packaging (for example from a display box or from a vending machine) shall have the appropriate warnings affixed to them. In all cases the warning shall be clearly legible at the point of sale. It is not sufficient to place the warning(s) only on a display box.

For information, it should be noted that the requirement that certain warnings shall be "clearly visible to the consumer at the time of purchase" applies also in cases where the purchase is made on line (e.g. internet) or by catalogue or by other means where the buyer does not have access to the toy at the time of purchase.

In the following subclauses a requirement, that a toy shall carry a warning shall mean that the warning shall appear on the toy itself.

NOTE:

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 and importer.

Estimated Total Uncertainty = ($\pm 19.9\%$)

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

SAFETY OF TOYS – PART 2: FLAMMABILITY

BS EN 71-2 : 2020

Sample 2

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

Sample 4

SECTION	TEST	RESULTS
4.1	General	
	Celluloid (cellulose nitrate) and materials with 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.

Estimated Total Uncertainty = (±18.6%)

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SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS

BS EN 71 3:2019+A1:2021

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma (ICP-MS)

	Results (mg/kg)				Detection Limit (mg/kg)	Requirements (mg/kg) Category III
	Part 1	Part 2	Part 3	Part 4		
Antimony (Sb)	ND	ND	ND	ND	0,125	560
Arsenic (As)	ND	ND	ND	ND	0,125	47
Barium (Ba)	ND	ND	ND	ND	0,125	18750
Cadmium (Cd)	ND	ND	ND	ND	0,125	17
Chromium (III)	ND	ND	ND	ND	0,125	460
Chromium (VI)	ND	ND	ND	ND	0,005	0,053
Lead (Pb)	ND	ND	ND	ND	0,125	23
Mercury (Hg)	ND	ND	ND	ND	0,0125	94
Selenium (Se)	ND	ND	ND	ND	0,125	460
Aluminium (Al)	ND	ND	ND	ND	0,125	28130
Boron (B)	ND	ND	ND	ND	0,125	15000
Cobalt (Co)	ND	ND	ND	ND	0,125	130
Copper (Cu)	ND	ND	ND	ND	0,125	7700
Manganese (Mn)	ND	ND	ND	ND	0,125	15000
Nickel (Ni)	ND	ND	ND	ND	0,125	930
Strontium (Sr)	ND	ND	ND	ND	0,125	56000
Tin (Sn)	ND	ND	ND	ND	0,125	180000
Organic tin Δ	ND	ND	ND	ND	0,125	12
Zinc (Zn)	ND	ND	ND	ND	0,125	46000

Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n- Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation.

ppm (Part per million)
ND
(Estimated Total Uncertainty)

=mg / kg
=Not Detected
= Paper - Chromium VI: \pm 10%, Organic Tin: \pm 25%, Others: \pm 22
Scrapable Coating - Chromium VI: \pm 10%, Organic Tin: \pm 25%, Others: \pm 22
Metal - Chromium VI: \pm 10%, Organic Tin: \pm 26%, Others: \pm 22
Crayons - Chromium VI: 10%, Organic Tin: \pm 26%, Others: \pm 21
Plastik - Chromium VI: \pm 14%, Organic Tin: \pm 24,

RESULTS

REPORT : TURT220147283

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SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS

BS EN 71 3:2019+A1:2021

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma (ICP-MS)

	Results (mg/kg)				Detection Limit (mg/kg)	Requirements (mg/kg) Category III
	Part 5	Part 6	Part 7	Part 8		
Antimony (Sb)	ND	ND	ND	ND	0,125	560
Arsenic (As)	ND	ND	ND	ND	0,125	47
Barium (Ba)	ND	ND	ND	ND	0,125	18750
Cadmium (Cd)	ND	ND	ND	ND	0,125	17
Chromium (III)	ND	ND	ND	ND	0,125	460
Chromium (VI)	ND	ND	ND	ND	0,005	0,053
Lead (Pb)	ND	ND	ND	ND	0,125	23
Mercury (Hg)	ND	ND	ND	ND	0,0125	94
Selenium (Se)	ND	ND	ND	ND	0,125	460
Aluminium (Al)	ND	4.3	5.1	6.6	0,125	28130
Boron (B)	ND	ND	ND	ND	0,125	15000
Cobalt (Co)	ND	ND	ND	ND	0,125	130
Copper (Cu)	ND	ND	ND	ND	0,125	7700
Manganese (Mn)	ND	ND	ND	ND	0,125	15000
Nickel (Ni)	ND	ND	ND	ND	0,125	930
Strontium (Sr)	ND	ND	ND	ND	0,125	56000
Tin (Sn)	ND	ND	ND	ND	0,125	180000
Organic tin Δ	ND	ND	ND	ND	0,125	12
Zinc (Zn)	ND	ND	ND	ND	0,125	46000

Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n- Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation.

ppm (Part per million)
ND
(Estimated Total Uncertainty)

=mg / kg
=Not Detected
= Paper - Chromium VI: \pm 10%, Organic Tin: \pm 25%, Others: \pm 22
Scrapable Coating - Chromium VI: \pm 10%, Organic Tin: \pm 25%, Others: \pm 22
Metal - Chromium VI: \pm 10%, Organic Tin: \pm 26%, Others: \pm 22
Crayons - Chromium VI: 10%, Organic Tin: \pm 26%, Others: \pm 21
Plastik - Chromium VI: \pm 14%, Organic Tin: \pm 24,

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PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2004

	<u>CAS No</u>	<u>Part 1&2&3</u>	<u>Part 4&5</u>	<u>Part 6&7&8</u>
DIBUTYL PHTHALATE (DBP)	84-74-2	ND	ND	ND
DIETHYL HEXYL PHTHALATE (DEHP)	117-81-7	ND	ND	ND
BENZYL BUTYL PHTHALATE (BBP)	85-68-7	ND	ND	ND
SUM OF THREE PHTHALATES		ND	ND	ND
DI-ISO-NONYL PHTHALATE (DINP)	28553-12-0	ND	ND	ND
DI-N-OCTYL PHTHALATE (DNOP)	117-84-0	ND	ND	ND
DI-ISO-DECYL PHTHALATE (DIDP)	26761-40-0	ND	ND	ND
SUM OF THREE PHTHALATES		ND	ND	ND

ND =Not Detected
 ppm (part per million) =mg / kg
 Detection Limit =DIDP, DINP: 100 ppm, Other Phthalates: 10 ppm
 LIMIT (MAX.) =DBP,DEHP,BBP < 1000 ppm ; DINP, DNOP, DIDP < 1000 ppm

(Estimated Total Uncertainty= ±18%)

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SAMPLE PHOTOS

Sample 1



Sample 2



Sample 3



Sample 4



Sample 5



Sample 6



END OF TEST REPORT