

TEST REPORT

Report Status : PASS
Report Nr/Revision Nr/Release Date : 2400043348/0/12.11.2024
Agency Name : ZENO ENDÜSTRİ SAN.ÜRÜNLERİ A.Ş.
Contact e-mail : NAMIK KEMAL MAH. 22. SK. NO: 4/1A, İSTANBUL
Sample Accepted on : 07.11.2024
Test Resulted Date : 11.11.2024
Date Release Report : 12.11.2024
Sample ID : BEAD GAME
Total Number of Pages : 8
Disclaimer : -
Decision Rule : 3-The simple acceptance rule was applied.
Conformity Assessment :
Model / Item No : S01005056

ANALYSIS	METHOD	RESULT
* SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES	EN 71-1:2014+A1:2018	P
* EN 71-2-SAFETY OF TOYS-PART 2: FLAMMABILITY	EN 71-2:2020	P
* SAFETY OF TOYS-PART 3: MIGRATION OF CERTAIN ELEMENTS - CATEGORY 3	EN 71-3:2019+A1:2021-K3	P
* PHTHALATES	CPSC-CH-C1001.09:2018 [BAKANLIK]	P
* DETERMINATION OF PAH's	AfPS GS:2019:01	P

Seal

Tuğçe Genç
Uzman Müşteri Temsilcisi / Senior
Customer Representative

12.11.2024

e-imzalıdır

Görkem EROĞLU
Hardlines Bölüm Müdürü
/ Hardlines Division Manager

12.11.2024

e-imzalıdır

**P:** Pass **F:** Fail **ND:** Not Detected **X:NA:** Not Applicable **LS:** Lack of Sample **NR:** No Requirement **SC:** Still Continue **I:** Inconclusive

AZOLAB Laboratuvar Hizmetleri A.Ş., accredited by TÜRKAK under registration number AB-1110-T for TS EN ISO/IEC 17025:2017 as test laboratory

Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01) conveyed to us from the Applicant. Test results are valid for sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of Azolab Laboratuvar. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with *** are in the Scope of our Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025.

Analysis as indicated with **** made external laboratory in the Scope of them Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025. Possible extra notes may add with starting N¹ to related pages. Tested and remaining samples will keep in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. k=2, 95% confidence interval. This report including, requested by applicant rule applied, this information at specify in the first page. In case the decision rule is applied, the applied test and uncertainty are given with the result table and marked.

TEST REPORT

Photo of the sample received



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Photo of the sample received



TEST REPORT

Sample ID	Part No.	Part ID	Explanatory Information
A-TOY-BEAD GAME	Part 1	Cardboard multicolor printed box	
A-TOY-BEAD GAME	Part 2	Plastic purple plate	
A-TOY-BEAD GAME	Part 3	Plastic green plate	
A-TOY-BEAD GAME	Part 4	Plastic red plate	
A-TOY-BEAD GAME	Part 5	Plastic blue plate	
A-TOY-BEAD GAME	Part 6	Plastic yellow plate	
A-TOY-BEAD GAME	Part 7	Plastic green tongs	
A-TOY-BEAD GAME	Part 8	Plastic yellow beads	
A-TOY-BEAD GAME	Part 9	Plastic blue beads	
A-TOY-BEAD GAME	Part 10	Plastic red beads	
A-TOY-BEAD GAME	Part 11	Plastic green beads	
A-TOY-BEAD GAME	Part 12	Plastic purple beads	
A-TOY-BEAD GAME	Part 13	Cellophane coated cardboard multicolor printed card front parts	
A-TOY-BEAD GAME	Part 14	Cardboard cyan parts	
A-TOY-BEAD GAME	Part 15	Cardboard magenta parts	
A-TOY-BEAD GAME	Part 16	Cardboard key parts	
A-TOY-BEAD GAME	Part 17	Cardboard yellow parts	
A-TOY-BEAD GAME	Part 18	TOY- BEAD GAME	

Summary of Results

Parts & Results															
Parts	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
*SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
*EN 71-2-SAFETY OF TOYS-PART 2: FLAMMABILITY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
*SAFETY OF TOYS-PART 3: MIGRATION OF CERTAIN ELEMENTS -CATEGORY 3	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
*PHTHALATES	X	P	P	P	P	P	P	P	P	P	P	P	P	X	X
*DETERMINATION OF PAH's	X	P	P	P	P	P	P	P	P	P	P	P	P	X	X

Summary of Results

Parts & Results															
Parts	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
*SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES	X	X	P												
*EN 71-2-SAFETY OF TOYS-PART 2: FLAMMABILITY	X	X	P												



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*SAFETY OF TOYS-PART 3: MIGRATION OF CERTAIN ELEMENTS -CATEGORY 3	P	P	X												
*PHTHALATES	X	X	X												
*DETERMINATION OF PAH's	X	X	X												



TEST REPORT***SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES**

A-[18] / EN 71-1:2014+A1:2018

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

Age Group Which Indicated / Inform at Label : + 36 month

Laboratory Age Grading : + 36 month

Tested Age Group : + 36 month

The item was tested for children aged over 36 months according to standard.

Matter	Result
*4. GENERAL REQUIREMENTS	Pass
*4.1 Material Cleanliness	Pass
*4.7 Edges	Pass (a+c)
*4.8 Points And Metallic Wires	Pass (a+e)
*4.22 Small Balls	Pass
*7. WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE	Relevant ##
*7.1 General	Relevant
*7.2 Toys Not Intended For Children Under 36 Months	Relevant

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(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 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.

***EN 71-2-SAFETY OF TOYS-PART 2: FLAMMABILITY**

A-[18] / EN 71-2:2020

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

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

*NOTE: Extremely flammable liquids, high flammable liquids and flammable gases can not be tested.

Matter	Result
*4. RULES	Pass
*4.1 General Rules	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.

Washing Process **: ☐ Applied ☒ Not applied** (Cleaning process apply to the product in necessary situations for appropriate clauses of EN 71-2 according to instructions that given on toy or if there is no instructions apply pursuant to indicate in standard.)

Type of Gas : Butane Gas (Gas which used in test burner)

Test results obtained from this process can't confirm as general indicator of potential flame hazard, toys or materials when subject to other ignition supplies

Condition Parameters: 65±5 %RH ; 20±5°C at least 7 hour

Test Atmosphere: 10°C - 30°C / 15-80 %RH



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***PHTHALATES**

CPSC-CH-C1001.09:2018 [BAKANLIK]

Analyzed by: GC-MS

Controlled Compounds	CAS Number	Part 11+12	Part 13	Part 2+3+4	Part 5+6+7	Part 8+9+10	Reporting Limit (mg/kg)
*Di-iso-nonyl phthalate (DINP)	28553-12-0/68515-48-0	<60	<60	<60	<60	<60	60
*Di-n-octylphthalate (DNOP)	117-84-0	<60	<60	<60	<60	<60	60
*Di-(2-ethylhexyl)-phtalete (DEHP)	117-81-7	<60	<60	<60	<60	<60	60
*Di-isodecyl phthalate (DIDP)	26761-40-0/68515-49-1	<60	<60	<60	<60	<60	60
*Butylbenzyl phthalate (BBP)	85-68-7	<60	<60	<60	<60	<60	60
*Dibutyl phthalate (DBP)	84-74-2	<60	<60	<60	<60	<60	60
Result		Pass	Pass	Pass	Pass	Pass	

 Forbidden Compounds : LIMIT (MAX.) = Each Compounds 1000ppm; Total DBP, DEHP, BBP < 1000 ppm; Total DINP, DNOP, DIDP < 1000 ppm
 It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 51&52

***SAFETY OF TOYS-PART 3: MIGRATION OF CERTAIN ELEMENTS -CATEGORY 3**

EN 71-3:2019+A1:2021-K3

Analyzed by: ICP-MS

Controlled Compounds	CAS Number	Part 1	Part 10	Part 11	Part 12	Part 13	Part 14	Part 15	Part 16	Limiting Value (mg/kg)	Reporting Limit (mg/kg)
*Aluminium (Al)	7429-90-5	283	<0,125	45	<0,125	<0,125	26	240	49	28130	0,125
*Antimony (Sb)	7440-36-0	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	560	0,125
*Arsenic (As)	7440-38-2	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	47	0,125
*Copper (Cu)	7440-50-8	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	7700	0,125
*Barium (Ba)	7440-39-3	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	18750	0,125
*Boron (B)	7440-42-8	<0,125	<0,125	<0,125	<0,125	42	150	112	236	15000	0,125
*Mercury (Hg)	7439-97-6	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	94	0,0125
*Zinc (Zn)	7440-66-6	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	46000	0,125
*Cadmium (Cd)	7440-43-9	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	17	0,125
*Tin (Sn)	7440-31-5	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	180000	0,125
*Cobalt (Co)	7440-48-4	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	130	0,125
*Chromium (Cr +3)	7440-47-3	<0,47	<0,47	<0,47	<0,47	<0,47	<0,47	<0,47	<0,47	460	0,47
*Chromium (Cr +6)	18540-29-9	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	0,053	0,001
*Lead (Pb)	7439-92-1	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	23	0,125
*Manganese (Mn)	7439-96-5	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	15000	0,125
*Nickel (Ni)	7440-02-0	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	930	0,125
*Selenium (Se)	7782-49-2	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	460	0,125
*Strontium (Sr)	7440-24-6	27	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	26	56000	0,125
Organic Tin	-	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	12	0,02
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		

Controlled Compounds	CAS Number	Part 17	Part 2	Part 3	Part 4	Part 5	Part 6	Part 7	Part 8	Limiting Value (mg/kg)	Reporting Limit (mg/kg)
*Aluminium (Al)	7429-90-5	47	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	28130	0,125
*Antimony (Sb)	7440-36-0	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	560	0,125
*Arsenic (As)	7440-38-2	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	47	0,125
*Copper (Cu)	7440-50-8	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	7700	0,125
*Barium (Ba)	7440-39-3	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	18750	0,125
*Boron (B)	7440-42-8	90	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	15000	0,125
*Mercury (Hg)	7439-97-6	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	<0,0125	94	0,0125
*Zinc (Zn)	7440-66-6	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	46000	0,125
*Cadmium (Cd)	7440-43-9	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	17	0,125



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*Tin (Sn)	7440-31-5	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	180000	0,125
*Cobalt (Co)	7440-48-4	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	130	0,125
*Chromium (Cr +3)	7440-47-3	<0,47	<0,47	<0,47	<0,47	<0,47	<0,47	<0,47	<0,47	460	0,47
*Chromium (Cr +6)	18540-29-9	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	0,053	0,001
*Lead (Pb)	7439-92-1	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	23	0,125
*Manganese (Mn)	7439-96-5	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	15000	0,125
*Nickel (Ni)	7440-02-0	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	930	0,125
*Selenium (Se)	7782-49-2	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	460	0,125
*Strontium (Sr)	7440-24-6	32	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	<0,125	56000	0,125
Organic Tin	-	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	12	0,02
	Result	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		

Controlled Compounds	CAS Number	Part 9								Limiting Value (mg/kg)	Reporting Limit (mg/kg)
*Aluminium (Al)	7429-90-5	<0,125								28130	0,125
*Antimony (Sb)	7440-36-0	<0,125								560	0,125
*Arsenic (As)	7440-38-2	<0,125								47	0,125
*Copper (Cu)	7440-50-8	<0,125								7700	0,125
*Barium (Ba)	7440-39-3	<0,125								18750	0,125
*Boron (B)	7440-42-8	<0,125								15000	0,125
*Mercury (Hg)	7439-97-6	<0,0125								94	0,0125
*Zinc (Zn)	7440-66-6	<0,125								46000	0,125
*Cadmium (Cd)	7440-43-9	<0,125								17	0,125
*Tin (Sn)	7440-31-5	<0,125								180000	0,125
*Cobalt (Co)	7440-48-4	<0,125								130	0,125
*Chromium (Cr +3)	7440-47-3	<0,47								460	0,47
*Chromium (Cr +6)	18540-29-9	<0,001								0,053	0,001
*Lead (Pb)	7439-92-1	<0,125								23	0,125
*Manganese (Mn)	7439-96-5	<0,125								15000	0,125
*Nickel (Ni)	7440-02-0	<0,125								930	0,125
*Selenium (Se)	7782-49-2	<0,125								460	0,125
*Strontium (Sr)	7440-24-6	<0,125								56000	0,125
Organic Tin	-	<0,02								12	0,02
	Result	Pass									

Limit Value : It is given by Safety of toys Part 3: Migration of certain elements- Scraped-off Materials, Category 3.

***DETERMINATION OF PAH's**

AfPS GS:2019:01

Analyzed by: GC-MS

Controlled Compounds	CAS Number	Part 11+12	Part 13	Part 2+3+4	Part 5+6+7	Part 8+9+10	Limiting Value (mg/kg)	Reporting Limit (mg/kg)
*Benzo(e)pyrene	192-97-2	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Benzo[j]fluoranthene	205-82-3	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Benz[a]anthracene	56-55-3	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Benzo[k]fluoranthene	207-08-9	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Benzo[a]pyrene	50-32-8	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Chrysene	218-01-9	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Dibenz[a,h]anthracene	53-70-3	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
*Benz[b]fluoranthene	205-99-2	<0,1	<0,1	<0,1	<0,1	<0,1	1	0,1
	Result	Pass	Pass	Pass	Pass	Pass		

Limit Value : 23.06.2017 dated 30105 and published in the Official Gazette dated 23.06.2017 and numbered 30105, was made within the framework of the Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals (KKDIK)

