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AB-1110-T

2300010278

04-23

**TEST REPORT****Overall Rating:****PASS**

Report Nr / Revision Nr : 2300010278  
Applicant : ZENO ENDÜSTRİ SAN.ÜRÜNLERİ.A.Ş.  
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Sample Accepted on : 28.03.2023  
Test Resulted Date : 7.04.2023  
Date Release Report : 7.04.2023  
Total number of pages : 6  
Sample ID : 1 TOY - BALANCE GAME

Explanation BALANCE GAME - ITEM NO - 7154

**Decision Rule :****Stated by the customer "3-Declaration of conformity is requested without MU consideration".****Disclaimer Statement :**

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

Seal

Customer Service Team Leader  
ALİ CAN AKYAZI  
7.04.2023

Laboratory Manager  
ERAY ERTAŞ  
7.04.2023



P: Pass F: Fail 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 the 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 Laboratory. 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 N° to related pages. Tested and remaining samples will be 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.

PR22-F01/08.10.2015/Rev:23.05.2022-R09

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**TEST REPORT**

**Photo of the sample received**



**TEST REPORT**

| Sample ID                | Part No. | Part ID              | Explanatory Information |
|--------------------------|----------|----------------------|-------------------------|
| A TOY - BALANCE GAME - - | Part 1   | Plastic black piece  |                         |
| A                        | Part 2   | Plastic green piece  |                         |
| A                        | Part 3   | Plastic red piece    |                         |
| A                        | Part 4   | Plastic white piece  |                         |
| A                        | Part 5   | Plastic yellow piece |                         |

**Summary of Results**

| Parts & Results                                           |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-----------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| Parts                                                     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| PHthalates                                                | P | P | P | P | P |   |   |   |   |    |    |    |    |    |    |
| SAFETY OF TOYS-<br>PART 3: MIGRATION<br>OF CERTAIN ELEMEN | P | P | P | P | P |   |   |   |   |    |    |    |    |    |    |
| DETERMINATION OF<br>PAH's                                 | P | P | P | P | P |   |   |   |   |    |    |    |    |    |    |

**TEST REPORT**
**FTALAT**

CPSC-CH-C1001.09:2018

| Tested Parts | Result ( mg/kg ) | Result ( % ) | Total Results (mg/kg) | Total Results (%) | Limit Value (mg/kg) | Limit Value (%) | Evaluation |
|--------------|------------------|--------------|-----------------------|-------------------|---------------------|-----------------|------------|
| 4+2+1        | < 60             | <0.006       | < 60                  | <0.006            | Total : 1000        | Total : 0.1     | PASS       |
| 5+3          | < 60             | <0.006       | < 60                  | <0.006            | Total : 1000        | Total : 0.1     | PASS       |

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 51&amp;52

: Total Phthalates 0.1 %

Reporting Limit : 60 ppm (0.006 %)

&lt; : Less than

ppm (part per million) : mg/kg

Forbidden Compounds : LIMIT (MAX.) = Total DBP, DEHP, BBP, DIBP &lt; 1000 ppm; Total DINP, DNOP, DIDP &lt; 1000 ppm

Di-iso-nonyl phthalate (DINP) (CAS No : 28553-12-0 /68515-48-0)

Di-isodecyl phthalate (DIDP) (CAS No : 26761-40-0/68515-49-1)

Di-n-octyl phthalate (DNOP) (CAS No : 117-84-0)

Di-(2-ethylhexyl)-phthalate (DEHP) (CAS No : 117-81-7)

Dibutylphthalate (DBP) (CAS No : 84-74-2)

Butylbenzyl phthalate (BBP) (CAS No : 85-68-7)

Bis-iso-butyl phthalate (DIBP) (CAS No : 84-69-5)

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

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

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

| Tested Parts | Result ( ppm ) | Limit Value (ppm) | Evaluation |
|--------------|----------------|-------------------|------------|
| 2            | < 0.125        | It's given below  | PASS       |
| 1            | < 0.125        | It's given below  | PASS       |
| 4            | < 0.125        | It's given below  | PASS       |
| 5            | < 0.125        | It's given below  | PASS       |
| 3            | < 0.125        | It's given below  | PASS       |

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

Reporting Limit : Mercury (Hg) 0,0125 ppm ; Chromium (Cr +6) 0,001 ppm ; Chromium (Cr +3) 0,47 ppm ; Organic (Tin) 0,02 ppm; Others 0,125 ppm.

&lt; : Less than

ppm (part per million) : mg/kg

ND : Not Detected

**Controlled Metals and Requirements Category-3:**

|                  |                     |           |                  |                       |            |
|------------------|---------------------|-----------|------------------|-----------------------|------------|
| Arsenic (As)     | (CAS No :7440-38-2) | 47 ppm    | Selenium (Se)    | (CAS No :7782-49-2)   | 460 ppm    |
| Mercury (Hg)     | (CAS No :7439-97-6) | 94 ppm    | Barium (Ba)      | (CAS No :7440-39-3)   | 18750 ppm  |
| Chromium (Cr +3) | (CAS No :7440-47-3) | 460 ppm   | Chromium (Cr +6) | (CAS No : 18540-29-9) | 0.053 ppm  |
| Manganese (Mn)   | (CAS No :7439-96-5) | 15000 ppm | Lead (Pb)        | (CAS No :7439-92-1)   | 23 ppm     |
| Cobalt (Co)      | (CAS No :7440-48-4) | 130 ppm   | Aluminium (Al)   | (CAS No :7429-90-5)   | 28130 ppm  |
| Nickel (Ni)      | (CAS No :7440-02-0) | 930 ppm   | Strontium (Sr)   | (CAS No :7440-24-6)   | 56000 ppm  |
| Copper (Cu)      | (CAS No :7440-50-8) | 7700 ppm  | Tin (Sn)         | (CAS No :7440-31-5)   | 180000 ppm |
| Cadmium (Cd)     | (CAS No :7440-43-9) | 17 ppm    | Zinc (Zn)        | (CAS No :7440-66-6)   | 46000 ppm  |
| Antimony (Sb)    | (CAS No :7440-36-0) | 560 ppm   | Boron (B)        | (CAS No :7440-42-8)   | 15000 ppm  |

\* Confirmation test was performed on the tested component. Please see Migration of certain elements- Organotins table.

\*\*Confirmation test on the tested metal was determined by Ion Chromatography-Inductively Coupled Plasma and Mass Spectroscopy (IC-ICP-MS).

The results have been determined by the device of Inductively Coupled Plasma - Mass Spectrometer (ICP- MS).

**TEST REPORT****DETERMINATION OF PAH's**

AfPS GS:2019:01

| Tested Parts | Result ( ppm ) | Limit Value (ppm) | Evaluation |
|--------------|----------------|-------------------|------------|
| 4+2+1        | < 0.050        | 0.5               | PASS       |
| 5+3          | < 0.050        | 0.5               | PASS       |

Limit Value : It is given by the KKDIK.

For any for one : 0.5 mg/kg

Reporting Limit : 0.05 ppm

&lt; : Less than

ppm (part per million) : mg/kg

## Controlled Components:

Benz[a]anthracene (CAS No : 56-55-3)

Benzo[k]fluoranthene (CAS No : 207-08-9)

Benzo[a]pyrene (CAS No : 50-32-8)

Benzo(e)pyrene (CAS No : 192-97-2)

Chrysene (CAS No : 218-01-9)

Benzo[j]fluoranthene (CAS No : 205-82-3)

Dibenz[a,h]anthracene (CAS No : 53-70-3)

Benz[b]fluoranthene (CAS No : 205-99-2)

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

**TEST REPORT****Specimen Description : / BALANCE GAME****EN 71-1-SAFETY OF TOYS-PART 1:MECHANICAL AND PHYSICAL PROPERTIES**

EN 71-1:2014+A1:2018

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

-The item was tested for children aged over 36 months.

| SECTION    | TEST                                               | RESULT      |
|------------|----------------------------------------------------|-------------|
| <b>4</b>   | <b>GENERAL REQUIREMENTS</b>                        | Pass        |
| <b>4.1</b> | Material Cleanliness                               | Pass        |
| <b>4.7</b> | Edges                                              | Pass(a+c)   |
| <b>4.8</b> | Points And Metallic Wires                          | Pass(a+e)   |
| <b>7</b>   | <b>WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE</b> | Relevant ## |
| <b>7.1</b> | General                                            | Relevant    |
| <b>7.2</b> | 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 ) (The information is on the toy itself)**

- 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.

**Specimen Description : / BALANCE GAME****SAFETY OF TOYS-PART 2: FLAMMABILITY**

EN 71-2:2020

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

| SECTION    | TEST                                                                             | RESULT |
|------------|----------------------------------------------------------------------------------|--------|
| <b>4.1</b> | <b>General</b>                                                                   | Pass   |
|            | 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.