

**Test Report**

Number: SHAH01945022

Applicant: YIWU ZHIHUIXING TOYS CO.,LTD  
189 QIUSHI ROAD, BEIYUAN DISTRICT, YIWU  
CITY, ZHEJIANG, CHINA  
Attn: ZHAN JIANFENG

Date: 15 Jun, 2026

**Sample Description:**

One (1) Set of submitted sample said to be :  
Item Name : **BABY PUSH ON CAR.**  
Item No : **6672.**  
Quantity : 1 Set.  
Packaging Provided By Applicant : Yes.  
Labelled Age Group : 12-36M.  
Country Of Origin : China.

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**Tests Conducted:**

As requested by the applicant, for details refer to attached page(s).

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To be continued

Authorized By:  
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch



Bobo Yao  
Assistant General Manager



**Test Report**

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Conclusion:

| <u>Tested Samples</u>                 | <u>Standard</u>                                                                                                                                                                                 | <u>Result</u> |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Submitted Sample                      | ASTM F963-23 Standard Consumer Safety Specification for Toy Safety                                                                                                                              | Pass          |
|                                       | U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials                                                                                                                   | Pass          |
|                                       | AS/NZS 62115:2018 + A1-2021 Safety of Electric Toy                                                                                                                                              | Pass          |
|                                       | EN IEC 62115:2020+A11:2020 Safety of Electric Toys                                                                                                                                              | Pass          |
|                                       | Consumer Product Safety Act section 14(a)(5) tracking labels for Children Products                                                                                                              | Pass          |
| Tested Components of Submitted Sample | U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate                                                                                                                            | Pass          |
|                                       | U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating                                                                                                                      | Pass          |
|                                       | U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content in Surface Coating                                                                                                                | Pass          |
|                                       | U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content in substrate                                                                                                                      | Pass          |
|                                       | ASTM F963-23 Section 4.3.8 on Phthalates Content                                                                                                                                                | Pass          |
|                                       | U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating                                                                                | Pass          |
|                                       | U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)                                                      | Pass          |
|                                       | U.S. 16 CFR Part 1303 total Lead content                                                                                                                                                        | Pass          |
|                                       | US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates | Pass          |
|                                       |                                                                                                                                                                                                 |               |
| Submitted Sample                      | Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217<br>- Mechanical and Physical test                     | Pass          |

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To be continued

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Conclusion:

| <u>Tested Samples</u><br>Submitted Sample | <u>Standard</u><br>Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217<br>- Cellulose Nitrate and Celluloid                                               | <u>Result</u><br>Pass |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|                                           | Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 Section 32 for Flammability Test                                                                      | Pass                  |
| Tested Components of Submitted Samples    | Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and amendment SOR/2022-122 on toxic elements test                                                                                                                    | Pass                  |
|                                           | CCPSA Toys Regulation SOR/2011-17 Section 27(a) on Toxic Elements Analysis                                                                                                                                                                      | Pass                  |
|                                           | Canada Consumer Products Containing Lead Regulations SOR/2018-83                                                                                                                                                                                | Pass                  |
|                                           | Canadian Environmental Protection Act Products Containing Mercury Regulations SOR/2014-254 on total Mercury (Hg) content in product except battery                                                                                              | Pass                  |
|                                           | Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content                                                                                                                                         | Pass                  |
|                                           | Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6 and amendment SOR/2022-122 for total lead content in products with applied stickers, films or surface coating materials                                   | Pass                  |
| Submitted Sample                          | EN71-1: 2014+ A1: 2018 for Mechanical And Physical Properties                                                                                                                                                                                   | Pass                  |
|                                           | EN71-2: 2020+A1: 2025 Flammability Test                                                                                                                                                                                                         | Pass                  |
| Tested Components of Submitted Sample     | EN 71-3: 2019+A2: 2024 on migration of certain elements                                                                                                                                                                                         | Pass                  |
|                                           | REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content                                                                                                          | Pass                  |
|                                           | Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII entry 23 of the REACH Regulation (EC) No. 1907/2006 | Pass                  |

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To be continued

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Conclusion:

| <u>Tested Samples</u>                  | <u>Standard</u>                                                                                                       | <u>Result</u> |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------|
| Submitted Sample                       | Australian / New Zealand Standard AS/NZS ISO 8124.1:2023 Safety Aspects Related to Mechanical And Physical Properties | Pass          |
|                                        | Consumer Goods (Toys for Children up to and including 36 Months of Age) Safety Standard 2023                          | Pass          |
|                                        | Australian / New Zealand Standard on Safety of Toys AS/NZS ISO 8124.2:2023 flammability test                          | Pass          |
| Tested Components of Submitted Samples | AS/NZS ISO 8124.3:2021+Amd 1:2023 on migration of certain elements                                                    | Pass          |
| Submitted Sample                       | BS EN71-1 : 2014 + A1 : 2018<br>- Mechanical and physical properties                                                  | Pass          |
|                                        | BS EN71-2: 2020 Flammability Test                                                                                     | Pass          |
| Tested Components of Submitted Sample  | BS EN 71-3: 2019+A2: 2024 on migration of certain elements                                                            | Pass          |

To be continued

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Tests Conducted

1 Standard Consumer Safety Specification for Toy Safety

As Specified in ASTM F963 Standard Consumer Safety Specification for Toy Safety

Applicant's Specified Age Group For Testing: For ages 1 year and up

The Submitted Samples Were Undergone The Use And Abuse Tests In Accordance With The Federal Hazardous Substances Act (FHSA), Title 16, Code Of Federal Regulations : -

| <u>Test</u>      | <u>FHSA</u>        | <u>Parameter</u> |
|------------------|--------------------|------------------|
| Impact Test      | Section 1500.51(b) | 10 x 4.5 ft      |
| Tip Over Test    | --                 | 3 Times          |
| Torque Test      | Section 1500.53(e) | 4 in-lbf         |
| Tension Test     | Section 1500.53(f) | 15 lbf           |
| Compression Test | Section 1500.53(g) | 30 lbf           |
| Flexure Test     | Section 1500.53(d) | 15 lbf           |

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Sections Relevant to the item :

| <u>Section</u> | <u>Testing Items</u>                                                               | <u>Assessment</u>      |
|----------------|------------------------------------------------------------------------------------|------------------------|
| 4.1            | Material Quality (Visual Check on Cleanliness)                                     | P                      |
| 4.2            | Flammability Test                                                                  | P<br>See Test Result#1 |
| 4.3            | Toxicology                                                                         |                        |
| 4.3.2          | Manufacturing and Packaging of Food                                                | NA                     |
| 4.3.3          | Indirect Food Additives                                                            | NA                     |
| 4.3.4          | Cosmetics                                                                          | NA                     |
| 4.3.5          | Heavy Elements                                                                     |                        |
|                | 4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials                  | See 6&7                |
|                | 4.3.5.2 Heavy Metal in Substrate Materials                                         | See 5&8                |
| 4.3.6          | Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin | NA                     |
| 4.3.7          | Stuffing Materials                                                                 | NA                     |
| 4.3.8          | Phthalates                                                                         | See 9                  |
| 4.4            | Electrical/Thermal Energy                                                          | NA                     |
| 4.5            | Sound-Producing Toys                                                               | P                      |
| 4.6.1          | Toys Intended for Children Under 36 Months (Small Objects)                         | P                      |
| 4.6.2          | Mouth-Actuated Toys                                                                | NA                     |
| 4.6.3          | Toys And Games for 36 Months to 72 Months (Small Part Warning)                     | NA                     |
| 4.7            | Accessible Edges                                                                   | P                      |



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| Section | Testing Items                                                                                                                                                                                                                                                                                                                                                                                                                     | Assessment |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 4.8     | Projections                                                                                                                                                                                                                                                                                                                                                                                                                       | P          |
| 4.9     | Accessible Points                                                                                                                                                                                                                                                                                                                                                                                                                 | P          |
| 4.10    | Wires Or Rods                                                                                                                                                                                                                                                                                                                                                                                                                     | P          |
| 4.11    | Nails And Fasteners                                                                                                                                                                                                                                                                                                                                                                                                               | P          |
| 4.12    | Plastic Film                                                                                                                                                                                                                                                                                                                                                                                                                      | NA         |
| 4.13.1  | Folding Mechanisms                                                                                                                                                                                                                                                                                                                                                                                                                | NA         |
| 4.13.2  | Hinge-line Clearance                                                                                                                                                                                                                                                                                                                                                                                                              | NA         |
| 4.14    | Cords, Straps, and Elastics                                                                                                                                                                                                                                                                                                                                                                                                       | P          |
| 4.15    | Stability And Over-Load Requirements                                                                                                                                                                                                                                                                                                                                                                                              | P          |
| 4.16    | Confined Spaces                                                                                                                                                                                                                                                                                                                                                                                                                   | NA         |
| 4.17    | Wheels, Tires and Axles                                                                                                                                                                                                                                                                                                                                                                                                           | P          |
| 4.18    | Holes, Clearance, And Accessibility of Mechanisms                                                                                                                                                                                                                                                                                                                                                                                 | P          |
| 4.19    | Simulated Protective Devices                                                                                                                                                                                                                                                                                                                                                                                                      | NA         |
| 4.20    | Pacifiers                                                                                                                                                                                                                                                                                                                                                                                                                         | NA         |
| 4.21    | Projectile Toys                                                                                                                                                                                                                                                                                                                                                                                                                   | NA         |
| 4.22    | Teethers And Teething Toys                                                                                                                                                                                                                                                                                                                                                                                                        | NA         |
| 4.23    | Rattles                                                                                                                                                                                                                                                                                                                                                                                                                           | NA         |
| 4.24    | Squeeze Toys                                                                                                                                                                                                                                                                                                                                                                                                                      | NA         |
| 4.25    | Battery-Operated Toys                                                                                                                                                                                                                                                                                                                                                                                                             | P          |
| 4.26    | Toys Intended to Be Attached to A Crib or Playpen                                                                                                                                                                                                                                                                                                                                                                                 | NA         |
| 4.27    | Stuffed And Beanbag-Type Toys                                                                                                                                                                                                                                                                                                                                                                                                     | NA         |
| 4.28    | Stroller And Carriage Toys                                                                                                                                                                                                                                                                                                                                                                                                        | NA         |
| 4.29    | Art Materials                                                                                                                                                                                                                                                                                                                                                                                                                     | NA         |
| 4.30    | Toy Gun Marking                                                                                                                                                                                                                                                                                                                                                                                                                   | NA         |
| 4.31    | Balloons                                                                                                                                                                                                                                                                                                                                                                                                                          | NA         |
| 4.32    | Certain Toys with Nearly Spherical Ends                                                                                                                                                                                                                                                                                                                                                                                           | NA         |
| 4.33    | Marbles                                                                                                                                                                                                                                                                                                                                                                                                                           | NA         |
| 4.34    | Balls                                                                                                                                                                                                                                                                                                                                                                                                                             | NA         |
| 4.35    | Pompoms                                                                                                                                                                                                                                                                                                                                                                                                                           | NA         |
| 4.36    | Hemispheric-Shaped Objects                                                                                                                                                                                                                                                                                                                                                                                                        | NA         |
| 4.37    | Yoyo Elastic Tether Toys                                                                                                                                                                                                                                                                                                                                                                                                          | NA         |
| 4.38    | Magnets                                                                                                                                                                                                                                                                                                                                                                                                                           | NA         |
| 4.39    | Jaw Entrapment in Handles and Steering Wheels                                                                                                                                                                                                                                                                                                                                                                                     | P          |
| 4.40    | Expanding Materials                                                                                                                                                                                                                                                                                                                                                                                                               | NA         |
| 4.41    | Toy Chests                                                                                                                                                                                                                                                                                                                                                                                                                        | NA         |
| 5       | Labelling Requirement                                                                                                                                                                                                                                                                                                                                                                                                             |            |
| 5.1.1   | Specific Labeling Requirement<br>Remark: All toys that fall within the definitions and requirements of the U.S FHSA shall conform to the labeling requirement of that act. For specific requirements, reference 16 CFR 1500.3, 1500.14, 1500.19, 1500.82,1500.83, 1500.86, 1500.121, 1500.122, 1500.123, 1500.125, 1500.126,1500.127, 1500.128, 1500.130, 1505.3, and 1511.7. In addition, state-labeling requirements may exist. | See Remark |

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| Section | Testing Items                                                                                                                                                                                      | Assessment |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 5.1.2   | Tracking label on product and packaging                                                                                                                                                            | P          |
| 5.2     | Age Grading Labeling                                                                                                                                                                               | P          |
| 5.3     | Safety Labeling Requirements                                                                                                                                                                       | P          |
| 5.4     | Aquatic Toys                                                                                                                                                                                       | NA         |
| 5.5     | Crib & Playpen Toys                                                                                                                                                                                | NA         |
| 5.6     | Mobile                                                                                                                                                                                             | NA         |
| 5.7     | Stroller and Carriage Toys                                                                                                                                                                         | NA         |
| 5.8     | Toys Intended to be Assembled by an Adult                                                                                                                                                          | P          |
| 5.9     | Simulated Protective Devices                                                                                                                                                                       | NA         |
| 5.10    | Toys with Functional Sharp Edges and Sharp Points                                                                                                                                                  | NA         |
| 5.11    | Small Objects, Small Balls, Marbles, and Balloons                                                                                                                                                  | NA         |
| 5.12    | Art Materials                                                                                                                                                                                      | NA         |
| 5.13    | Electric Toys                                                                                                                                                                                      | NA         |
| 5.14    | Battery-operated Toys                                                                                                                                                                              | NA         |
| 5.15    | Promotional Materials                                                                                                                                                                              | P          |
| 5.16    | Magnets                                                                                                                                                                                            | NA         |
| 6       | Instructional Literature                                                                                                                                                                           |            |
| 6.2     | Crib & Playpen Toys                                                                                                                                                                                | NA         |
| 6.3     | Mobiles                                                                                                                                                                                            | NA         |
| 6.4     | Toys Intended to be Assembled by an Adult                                                                                                                                                          | P          |
| 6.5     | Battery-operated Toys                                                                                                                                                                              | P          |
| 6.6     | Battery-powered Ride-on Toys                                                                                                                                                                       | NA         |
| 6.7     | Toys in Contact with Food                                                                                                                                                                          | NA         |
| 6.8     | Toy Chests                                                                                                                                                                                         | NA         |
| 6.9     | The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies).                                                                     | NA         |
| 7.1     | Producer's Markings<br>- Name Of Producer/Distributor (Toy/Package)<br>- Address (Toy/Package)                                                                                                     | Yes<br>Yes |
| 7.2     | Battery-powered Ride-on Toys                                                                                                                                                                       | NA         |
| 7.3     | Toy Chests<br>- Name of Manufacturer/Distributor/Seller (Toy)<br>- Address (City, State and Zip Code) of Manufacturer/Distributor/Seller (Toy)<br>- Date Code (Toy and Package/Shipping Container) | NA         |
| 8.5     | Normal Use Testing                                                                                                                                                                                 | P          |
| 8.7     | Impact Test                                                                                                                                                                                        | P          |
| 8.8     | Torque Test                                                                                                                                                                                        | P          |
| 8.9     | Tension Test                                                                                                                                                                                       | P          |
| 8.10    | Compression Test                                                                                                                                                                                   | P          |
| 8.12    | Flexure Test                                                                                                                                                                                       | P          |
| 8.16    | Tension Test for Pompoms                                                                                                                                                                           | NA         |

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| Section | Testing Items | Assessment |
|---------|---------------|------------|
| 8.25    | Magnet Test   | NA         |

Remark: P = Pass NA = Not applicable

Date Sample Received: 08 Apr, 2026 & 18 May, 2026

Testing Period: 08 Apr, 2026 To 18 May, 2026

#1 Flammability Test

Test requirement: Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the sample was tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Result: Ignited but self-extinguished before burn rate could be determined.

Date Sample Received: 08 Apr, 2026 & 18 May, 2026

Testing Period: 08 Apr, 2026 To 18 May, 2026

To be continued

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Tests Conducted

2 Safety of Electric Toys

As per Australian / New Zealand Standard on Safety of Electric Toys AS/NZS 62115:2018+ A1-2021

Applicant's Specified Age Group for Testing: For ages 1 year and up

Power source: 3 V, LR06 size x 2 pcs (Replace type).

Electric operated function: Battery powered sound.

| Clause  | Requirement                                                               | Assessment |
|---------|---------------------------------------------------------------------------|------------|
| 1       | Scope                                                                     | --         |
| 2       | Normative reference                                                       | --         |
| 3       | Term and definitions                                                      | --         |
| 4       | General requirement                                                       | --         |
| 5       | General conditions for test                                               | --         |
| 6       | Criteria for reduced testing                                              | NA         |
| 6.1     | General                                                                   | --         |
| 6.2     | Short-circuit resistance                                                  | NA         |
| 6.3     | Low power electric toys                                                   | NA         |
| 6.4     | Battery circuits                                                          | NA         |
| 7       | Marking and instructions                                                  | P          |
| 7.1     | General                                                                   | P          |
| 7.2     | Marking on electric toys                                                  | P          |
| 7.2.1   | Identification                                                            | P          |
| 7.2.2   | Electric toys with replaceable batteries                                  | P          |
| 7.2.3   | Transformer toys and power supply toys                                    | NA         |
| 7.2.4   | Electric toys with more than one power supply                             | NA         |
| 7.2.5   | Electric toys with detachable lamps                                       | NA         |
| 7.2.6   | Symbols                                                                   | P          |
| 7.2.7   | Durability                                                                | P          |
| 7.3     | Instructions and markings on packaging                                    | P          |
| 7.3.1   | General                                                                   | P          |
| 7.3.2   | Transformer toys and power supply toys                                    | NA         |
| 7.3.3   | Electric toys that are used with replaceable batteries                    | P          |
| 7.3.3.1 | General                                                                   | P          |
| 7.3.3.2 | Coin batteries                                                            | NA         |
| 7.3.3.3 | Button batteries                                                          | NA         |
| 7.4     | Instructions for electric toys that can be connected to class I equipment | NA         |
| 7.5     | Instructions for ride-on electric toys                                    | NA         |
| 7.6     | Temperature warnings                                                      | NA         |
| 8       | Power input                                                               | NA         |
| 9       | Heating and abnormal operation                                            | P          |
| 9.1     | General                                                                   | P          |
| 9.2     | Test condition                                                            | --         |
| 9.3     | Normal operation                                                          | P          |
| 9.4     | Normal operation with insulation short-circuited                          | NA         |
| 9.5     | Abnormal operation with temperature controls made inoperable              | NA         |
| 9.6     | With accessible moving parts locked                                       | NA         |
| 9.7     | Additional transformers and power supplies                                | NA         |
| 9.8     | Abnormal supply to electric toys via a USB connection.                    | NA         |
| 9.9     | Fault condition in electronic circuits                                    | P          |
| 9.10    | Compliance criteria                                                       | P          |



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### Tests Conducted

| Clause | Requirement                                                                                                                                                                                                                                                                                                                              | Assessment |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 10     | Electric strength                                                                                                                                                                                                                                                                                                                        | P          |
| 10.1   | Electric strength at operating temperature                                                                                                                                                                                                                                                                                               | P          |
| 10.2   | Electric strength under humid conditions                                                                                                                                                                                                                                                                                                 | P          |
| 11     | Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid                                                                                                                                                                                                                                        | NA         |
| 12     | Mechanical strength                                                                                                                                                                                                                                                                                                                      | P          |
| 12.1   | Enclosures                                                                                                                                                                                                                                                                                                                               | P          |
| 12.2   | Attachment strength                                                                                                                                                                                                                                                                                                                      | NA         |
| 13     | Construction                                                                                                                                                                                                                                                                                                                             | P          |
| 13.1   | Nominal supply voltage                                                                                                                                                                                                                                                                                                                   | P          |
| 13.2   | Transformers, power supplies and battery chargers                                                                                                                                                                                                                                                                                        | NA         |
| 13.3   | Thermal cut-outs.                                                                                                                                                                                                                                                                                                                        | NA         |
| 13.4   | Batteries                                                                                                                                                                                                                                                                                                                                | P          |
| 13.4.1 | Small batteries                                                                                                                                                                                                                                                                                                                          | NA         |
| 13.4.2 | Other batteries                                                                                                                                                                                                                                                                                                                          | P          |
| 13.4.3 | Electrolyte leakage                                                                                                                                                                                                                                                                                                                      | NA         |
| 13.4.4 | Electric toys placed above a child                                                                                                                                                                                                                                                                                                       | NA         |
| 13.4.5 | Parallel connection of batteries                                                                                                                                                                                                                                                                                                         | P          |
| 13.4.6 | Battery compartment fasteners                                                                                                                                                                                                                                                                                                            | P          |
| 13.5   | Plug and sockets                                                                                                                                                                                                                                                                                                                         | NA         |
| 13.6   | Charging batteries                                                                                                                                                                                                                                                                                                                       | NA         |
| 13.7   | Series motors                                                                                                                                                                                                                                                                                                                            | NA         |
| 13.8   | Working voltage                                                                                                                                                                                                                                                                                                                          | NA         |
| 13.9   | Electric toys connecting to other equipment.                                                                                                                                                                                                                                                                                             | NA         |
| 13.10  | Speed limitation of ride-on electric toys                                                                                                                                                                                                                                                                                                | NA         |
| 14     | Protection of cords and wires                                                                                                                                                                                                                                                                                                            | P          |
| 14.1   | Edges and moving parts                                                                                                                                                                                                                                                                                                                   | P          |
| 14.2   | Fixed parts                                                                                                                                                                                                                                                                                                                              | NA         |
| 15     | Components                                                                                                                                                                                                                                                                                                                               | P          |
| 15.1.1 | General                                                                                                                                                                                                                                                                                                                                  | P          |
| 15.1.2 | Switches and automatic controls                                                                                                                                                                                                                                                                                                          | NA         |
| 15.1.3 | Other components                                                                                                                                                                                                                                                                                                                         | P          |
| 15.2   | Prohibited components                                                                                                                                                                                                                                                                                                                    | P          |
| 15.3   | Transformers and power supplies                                                                                                                                                                                                                                                                                                          | NA         |
| 15.4   | Battery chargers                                                                                                                                                                                                                                                                                                                         | NA         |
| 15.5   | Batteries                                                                                                                                                                                                                                                                                                                                | NA         |
| 16     | Screws and connections                                                                                                                                                                                                                                                                                                                   | P          |
| 16.1   | Fixings                                                                                                                                                                                                                                                                                                                                  | P          |
| 16.2   | Connections                                                                                                                                                                                                                                                                                                                              | NA         |
| 17     | Clearances and creepage distances                                                                                                                                                                                                                                                                                                        | P          |
| 18     | Resistance to heat and fire                                                                                                                                                                                                                                                                                                              | P          |
| 18.1   | Resistance to heat                                                                                                                                                                                                                                                                                                                       | NA         |
| 18.2   | Resistance to fire                                                                                                                                                                                                                                                                                                                       | P          |
| 18.2.1 | General                                                                                                                                                                                                                                                                                                                                  | P          |
| 18.2.2 | Non-metallic parts                                                                                                                                                                                                                                                                                                                       | P          |
| 18.2.3 | Insulating material                                                                                                                                                                                                                                                                                                                      | NA         |
| 19     | Radiation and similar hazards                                                                                                                                                                                                                                                                                                            | NA         |
| 19.1   | General                                                                                                                                                                                                                                                                                                                                  | -          |
| 19.2   | Optical radiation<br>Toys incorporating lasers and or light emitting diodes (LED) or UV emitting lamps shall comply with Annex E.<br>Electric toys incorporating LEDs shall comply with 19.E.2.<br>Electric toys incorporating lasers shall comply with 19.E.3<br>Electric toys incorporating UV-emitting lamps shall comply with 19.E.4 | NA         |

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| Clause  | Requirement                                                                                                                                                                    | Assessment |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 19.3    | Other electromagnetic radiation<br>Electric toys with an integrated field source that may produce harmful electromagnetic radiation Measurements methods are given in Annex I. | NA         |
| Annex A | Experimental sets                                                                                                                                                              | NA         |
| Annex B | Needle – flame test                                                                                                                                                            | NA         |
| Annex C | Automatic controls and switches                                                                                                                                                | NA         |
| Annex D | Electric toys with protective electronic circuits                                                                                                                              | NA         |
| Annex E | Safety of electric toys incorporating optical radiation sources                                                                                                                | NA         |
| Annex F | Flowcharts showing the assessment of optical radiation safety of LEDs in electric toys                                                                                         | --         |
| Annex G | Examples of calculations on LEDs                                                                                                                                               | --         |
| Annex H | Explanation of the principles used for the requirements of Annex E                                                                                                             | --         |
| Annex I | Electric toys generationg electromagnetic fields (EMF)                                                                                                                         | NA         |
| Annex J | Safety of remote controls for electric ride – on toys                                                                                                                          | NA         |
| Annex K | Flow charts showing the application of Clause 9                                                                                                                                | --         |

Remark: P = Pass

NA = Not Applicable

Date Sample Received: 08 Apr, 2026 & 18 May, 2026

Testing Period: 08 Apr, 2026 To 18 May, 2026

\*\*\*\*\*  
To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

3 Safety of Electric Toys

As per European Standard on Safety of Electric Toys EN IEC 62115:2020+A11:2020

Applicant's Specified Age Group for Testing: For ages 1 year and up

Battery Type: 3 V, LR06 size x 2 pcs (Replaceable type)

Normal Use Operation: Battery powered sound.

| Clause  | Requirement                                                               | Assessment     |
|---------|---------------------------------------------------------------------------|----------------|
| 1       | Scope                                                                     | --             |
| 2       | Normative reference                                                       | --             |
| 3       | Term and definitions                                                      | --             |
| 4       | General requirement                                                       | --             |
| 5       | General conditions for test                                               | --             |
| 6       | Criteria for reduced testing                                              | NA             |
| 6.1     | General                                                                   | --             |
| 6.2     | Short-circuit resistance                                                  | NA             |
| 6.3     | Low power electric toys                                                   | NA             |
| 6.4     | Battery circuits                                                          | NA             |
| 7       | Marking and instructions                                                  | P              |
| 7.1     | General                                                                   | P              |
| 7.2     | Marking on electric toys                                                  | P              |
| 7.2.1   | Identification                                                            | See remark (1) |
| 7.2.2   | Electric toys with replaceable batteries                                  | P              |
| 7.2.3   | Transformer toys and power supply toys                                    | NA             |
| 7.2.4   | Electric toys with more than one power supply                             | NA             |
| 7.2.5   | Electric toys with detachable lamps                                       | NA             |
| 7.2.6   | Symbols                                                                   | P              |
| 7.2.7   | Durability                                                                | P              |
| 7.3     | Instructions and markings on packaging                                    | P              |
| 7.3.1   | General                                                                   | P              |
| 7.3.2   | Transformer toys and power supply toys                                    | NA             |
| 7.3.3   | Electric toys that are used with replaceable batteries                    | P              |
| 7.3.3.1 | General                                                                   | P              |
| 7.3.3.2 | Coin batteries                                                            | NA             |
| 7.3.3.3 | Button batteries                                                          | NA             |
| 7.4     | Instructions for electric toys that can be connected to class I equipment | NA             |
| 7.5     | Instructions for ride-on electric toys                                    | NA             |
| 7.6     | Temperature warnings                                                      | NA             |
| 8       | Power input                                                               | NA             |
| 9       | Heating and abnormal operation                                            | P              |
| 9.1     | General                                                                   | P              |
| 9.2     | Test condition                                                            | --             |
| 9.3     | Normal operation                                                          | P              |
| 9.4     | Normal operation with insulation short-circuited                          | NA             |
| 9.5     | Abnormal operation with temperature controls made inoperable              | NA             |
| 9.6     | With accessible moving parts locked                                       | NA             |
| 9.7     | Additional transformers and power supplies                                | NA             |
| 9.8     | Abnormal supply to electric toys via a USB connection.                    | NA             |
| 9.9     | Fault condition in electronic circuits                                    | P              |
| 9.10    | Compliance criteria                                                       | P              |
| 10      | Electric strength                                                         | P              |



## Test Report

Number: SHAH01945022

### Tests Conducted

| Clause | Requirement                                                                                                                                                                                                                                                                                                                              | Assessment |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 10.1   | Electric strength at operating temperature                                                                                                                                                                                                                                                                                               | P          |
| 10.2   | Electric strength under humid conditions                                                                                                                                                                                                                                                                                                 | P          |
| 11     | Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid                                                                                                                                                                                                                                        | NA         |
| 12     | Mechanical strength                                                                                                                                                                                                                                                                                                                      | P          |
| 12.1   | Enclosures                                                                                                                                                                                                                                                                                                                               | P          |
| 12.2   | Attachment strength                                                                                                                                                                                                                                                                                                                      | NA         |
| 13     | Construction                                                                                                                                                                                                                                                                                                                             | P          |
| 13.1   | Nominal supply voltage                                                                                                                                                                                                                                                                                                                   | P          |
| 13.2   | Transformers, power supplies and battery chargers                                                                                                                                                                                                                                                                                        | NA         |
| 13.3   | Thermal cut-outs.                                                                                                                                                                                                                                                                                                                        | NA         |
| 13.4   | Batteries                                                                                                                                                                                                                                                                                                                                | P          |
| 13.4.1 | Small batteries                                                                                                                                                                                                                                                                                                                          | NA         |
| 13.4.2 | Other batteries                                                                                                                                                                                                                                                                                                                          | P          |
| 13.4.3 | Electrolyte leakage                                                                                                                                                                                                                                                                                                                      | NA         |
| 13.4.4 | Electric toys placed above a child                                                                                                                                                                                                                                                                                                       | NA         |
| 13.4.5 | Parallel connection of batteries                                                                                                                                                                                                                                                                                                         | P          |
| 13.4.6 | Battery compartment fasteners                                                                                                                                                                                                                                                                                                            | P          |
| 13.5   | Plug and sockets                                                                                                                                                                                                                                                                                                                         | NA         |
| 13.6   | Charging batteries                                                                                                                                                                                                                                                                                                                       | NA         |
| 13.7   | Series motors                                                                                                                                                                                                                                                                                                                            | NA         |
| 13.8   | Working voltage                                                                                                                                                                                                                                                                                                                          | NA         |
| 13.9   | Electric toys connecting to other equipment.                                                                                                                                                                                                                                                                                             | NA         |
| 13.10  | Speed limitation of ride-on electric toys                                                                                                                                                                                                                                                                                                | NA         |
| 14     | Protection of cords and wires                                                                                                                                                                                                                                                                                                            | P          |
| 14.1   | Edges and moving parts                                                                                                                                                                                                                                                                                                                   | P          |
| 14.2   | Fixed parts                                                                                                                                                                                                                                                                                                                              | NA         |
| 15     | Components                                                                                                                                                                                                                                                                                                                               | P          |
| 15.1.1 | General                                                                                                                                                                                                                                                                                                                                  | P          |
| 15.1.2 | Switches and automatic controls                                                                                                                                                                                                                                                                                                          | NA         |
| 15.1.3 | Other components                                                                                                                                                                                                                                                                                                                         | P          |
| 15.2   | Prohibited components                                                                                                                                                                                                                                                                                                                    | P          |
| 15.3   | Transformers and power supplies                                                                                                                                                                                                                                                                                                          | NA         |
| 15.4   | Battery chargers                                                                                                                                                                                                                                                                                                                         | NA         |
| 15.5   | Batteries                                                                                                                                                                                                                                                                                                                                | NA         |
| 16     | Screws and connections                                                                                                                                                                                                                                                                                                                   | P          |
| 16.1   | Fixings                                                                                                                                                                                                                                                                                                                                  | P          |
| 16.2   | Connections                                                                                                                                                                                                                                                                                                                              | NA         |
| 17     | Clearances and creepage distances                                                                                                                                                                                                                                                                                                        | P          |
| 18     | Resistance to heat and fire                                                                                                                                                                                                                                                                                                              | P          |
| 18.1   | Resistance to heat                                                                                                                                                                                                                                                                                                                       | NA         |
| 18.2   | Resistance to fire                                                                                                                                                                                                                                                                                                                       | P          |
| 18.2.1 | General                                                                                                                                                                                                                                                                                                                                  | P          |
| 18.2.2 | Non-metallic parts                                                                                                                                                                                                                                                                                                                       | P          |
| 18.2.3 | Insulating material                                                                                                                                                                                                                                                                                                                      | NA         |
| 19     | Radiation and similar hazards                                                                                                                                                                                                                                                                                                            | NA         |
| 19.1   | General                                                                                                                                                                                                                                                                                                                                  | -          |
| 19.2   | Optical radiation<br>Toys incorporating lasers and or light emitting diodes (LED) or UV emitting lamps shall comply with Annex E.<br>Electric toys incorporating LEDs shall comply with 19.E.2.<br>Electric toys incorporating lasers shall comply with 19.E.3<br>Electric toys incorporating UV-emitting lamps shall comply with 19.E.4 | NA         |
| 19.3   | Other electromagnetic radiation                                                                                                                                                                                                                                                                                                          | NA         |

**Test Report**

Number: SHAH01945022

Tests Conducted

| Clause  | Requirement                                                                                                                                 | Assessment |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------|------------|
|         | Electric toys with an integrated field source that may produce harmful electromagnetic radiation Measurements methods are given in Annex I. |            |
| Annex A | Experimental sets                                                                                                                           | NA         |
| Annex B | Needle-flame test                                                                                                                           | NA         |
| Annex C | Automatic controls and switches                                                                                                             | NA         |
| Annex D | Electric toys with protective electronic circuits                                                                                           | NA         |
| Annex E | Safety of electric toys incorporating optical radiation sources                                                                             | NA         |
| Annex F | Flowcharts showing the assessment of optical radiation safety of LEDs in electric toys                                                      | --         |
| Annex G | Examples of calculations on LEDs                                                                                                            | --         |
| Annex H | Explanation of the principles used for the requirements of Annex E                                                                          | --         |
| Annex I | Electric toys generating electromagnetic fields (EMF)                                                                                       | NA         |
| Annex J | Safety of remote controls for electric ride-on toys                                                                                         | NA         |
| Annex K | Flow charts showing the application of Clause 9                                                                                             | --         |

Abbreviation: P = Pass A = Applicable NA = Not Applicable

Remark:

- (1) Below are additional information according to the requirement in Toy Safety Directive 2009/48/EC relating to marking of toys and do not constitute requirements of this European Standard:  
The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.

After checking, it was found that:

|                             | Toy     | Packaging |
|-----------------------------|---------|-----------|
| Manufacturer's name         | Present | Present   |
| Manufacturer's address      | Present | Present   |
| Importer's name             | Absent  | Absent    |
| Importer's address          | Absent  | Absent    |
| Product identification code | Present | Present   |

Date Sample Received: 08 Apr, 2026 & 18 May, 2026

Testing Period: 08 Apr, 2026 To 18 May, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

4 Tracking Label Assessment

As per Consumer Product Safety Act Section 14(a)(5) (CPSA, 15 U.S.C. §2063(a)(5)) tracking labels for children products

Tracking Label Found on the Packaging:

YIWU ZHIHUIXING TOYS CO.,LTD  
189 Qiushi Road ,Beiyuan District,Yiwu,Zhejiang,China  
2026.03.10

Tracking Label Found on the Product:

YIWU ZHIHUIXING TOYS CO.,LTD  
189 Qiushi Road ,Beiyuan District,Yiwu,Zhejiang,China  
2026.03.10

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

5 U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

| Test Item | Result in ppm |       |       |      |      | Reproting Limit | Limit |
|-----------|---------------|-------|-------|------|------|-----------------|-------|
|           | (2+3+4)       | (5+6) | (7+8) | (16) | (17) | (ppm)           | (ppm) |
| Lead(Pb)  | ND            | ND    | ND    | ND   | ND   | 10              | 100   |

Remark: ppm = parts per million = mg/kg  
ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

6 U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

| <u>Test Item</u> | <u>Result in ppm</u> | <u>Reporting Limit</u> | <u>Limit</u> |
|------------------|----------------------|------------------------|--------------|
|                  | (18)                 | (ppm)                  | (ppm)        |
| Lead(Pb)         | ND                   | 10                     | 90           |

Remark: ppm = parts per million = mg/kg  
ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

\*\*\*\*\*  
To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

7 U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

| Test Item          | Result (mg/kg) | Reporting Limit | Limit   |
|--------------------|----------------|-----------------|---------|
|                    | (18)           | (mg/kg)         | (mg/kg) |
| Sol. Barium (Ba)   | ND             | 5               | 1000    |
| Sol. Lead (Pb)     | ND             | 5               | 90      |
| Sol. Cadmium (Cd)  | ND             | 5               | 75      |
| Sol. Antimony (Sb) | ND             | 5               | 60      |
| Sol. Selenium (Se) | ND             | 5               | 500     |
| Sol. Chromium (Cr) | ND             | 5               | 60      |
| Sol. Mercury (Hg)  | ND             | 5               | 60      |
| Sol. Arsenic (As)  | ND             | 2.5             | 25      |

Remark: mg/kg = milligram per kilogram =ppm  
Sol. = Soluble  
ND= Not detected (Less than reporting limit)

Tested components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

8 U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

| Test Item          | Result (mg/kg) | Reporting Limit | Limit   |
|--------------------|----------------|-----------------|---------|
|                    | (2)to(15)      | (mg/kg)         | (mg/kg) |
| Sol. Barium (Ba)   | ND             | 5               | 1000    |
| Sol. Lead (Pb)     | ND             | 5               | 90      |
| Sol. Cadmium (Cd)  | ND             | 5               | 75      |
| Sol. Antimony (Sb) | ND             | 5               | 60      |
| Sol. Selenium (Se) | ND             | 5               | 500     |
| Sol. Chromium (Cr) | ND             | 5               | 60      |
| Sol. Mercury (Hg)  | ND             | 5               | 60      |
| Sol. Arsenic (As)  | ND             | 2.5             | 25      |

Remark: mg/kg = milligram per kilogram =ppm  
Sol. = Soluble  
ND= Not detected (Less than reporting limit)

Tested components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

9 ASTM F963-23 Section 4.3.8 on Phthalates Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

| Test Item                          | Result (%) |         |       |       | Detection Limit (%) | Limit (%) (Max.) |
|------------------------------------|------------|---------|-------|-------|---------------------|------------------|
|                                    | (1)        | (2+3+4) | (5+6) | (7+8) |                     |                  |
| Dibutyl phthalate (DBP)            | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Di-(2-ethylhexyl) phthalate (DEHP) | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Benzyl butyl phthalate (BBP)       | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Diisononyl phthalate (DINP)        | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Diisobutyl phthalate (DIBP)        | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Di-n-pentyl phthalate (DPENP)      | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Di-n-hexyl phthalate (DHEXP)       | ND         | ND      | ND    | ND    | 0.01                | 0.1              |
| Dicyclohexyl phthalate (DCHP)      | ND         | ND      | ND    | ND    | 0.01                | 0.1              |

Remark: ND = Not Detected(Less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

10 Total Lead (Pb) Content in Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

| <u>Tested Component</u> | <u>Result (ppm)</u> | <u>Limit (ppm)</u> |
|-------------------------|---------------------|--------------------|
| (18)                    | <20                 | 90                 |

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

11 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

| <u>Tested Components</u> | <u>Result (ppm)</u> | <u>Limit (ppm)</u> |
|--------------------------|---------------------|--------------------|
| (2+3+4)                  | <10                 | 100                |
| (5+6)                    | <10                 | 100                |
| (7+8)                    | <10                 | 100                |
| (16)                     | <10                 | 100                |
| (17)                     | <10                 | 100                |

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

12 U.S. 16 CFR Part 1303 on Total Lead (Pb) Content

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

| Element   | Result (%) | Detection<br>Limit (%) | Limit<br>(%) |
|-----------|------------|------------------------|--------------|
|           | (18)       |                        |              |
| Lead (Pb) | ND         | 0.002                  | 0.009        |

The above limit was quoted according to U.S. 16 CFR Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

Remark: ND = Not detected (less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

13 Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

| Test item                          | Result (%) |         |       |       | Limit (%) (Max.) |
|------------------------------------|------------|---------|-------|-------|------------------|
|                                    | (1)        | (2+3+4) | (5+6) | (7+8) |                  |
| Dibutyl phthalate (DBP)            | ND         | ND      | ND    | ND    | 0.1              |
| Di-(2-ethylhexyl) phthalate (DEHP) | ND         | ND      | ND    | ND    | 0.1              |
| Benzyl butyl phthalate (BBP)       | ND         | ND      | ND    | ND    | 0.1              |
| Diisononyl phthalate (DINP)        | ND         | ND      | ND    | ND    | 0.1              |
| Diisobutyl phthalate (DIBP)        | ND         | ND      | ND    | ND    | 0.1              |
| Di-n-pentyl phthalate (DPENP)      | ND         | ND      | ND    | ND    | 0.1              |
| Di-n-hexyl phthalate (DHEXP)       | ND         | ND      | ND    | ND    | 0.1              |
| Dicyclohexyl phthalate (DCHP)      | ND         | ND      | ND    | ND    | 0.1              |

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected  
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

\*\*\*\*\*  
To be continued

## Test Report

Number: SHAH01945022

### Tests Conducted

#### 14 Physical and Mechanical Test

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217.

Applicant's specified age group for testing: For ages 1 year and up

|                                                                                                                                                                                                                            |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217. |                     |
| <u>Test</u>                                                                                                                                                                                                                | <u>Parameter</u>    |
| Drop test                                                                                                                                                                                                                  | 4 x (1.367±0.005) m |
| Tip Over test#1                                                                                                                                                                                                            | 3times              |
| Pull test                                                                                                                                                                                                                  | 42.5±2 N            |
| Push test                                                                                                                                                                                                                  | 42.5±2 N            |

| No. | Testing Items                                                         | Assessment |
|-----|-----------------------------------------------------------------------|------------|
| 3   | General - English and French bilingual statement                      | NA         |
| 4   | Packaging                                                             |            |
|     | (a) The opening perimeter is less than 14 inches                      | NA         |
|     | (b) The opening perimeter is more than 14 inches                      | NA         |
|     | <u>Electrical hazard</u>                                              |            |
| 5   | Electrically operated toys                                            | NA         |
| 6   | Electrically heated toys                                              | NA         |
|     | <u>Mechanical hazard</u>                                              |            |
| 7   | Small parts                                                           | P          |
| 8   | Metal edges                                                           | P          |
| 9   | Wire frames                                                           | P          |
| 10  | Plastic edges                                                         | P          |
| 11  | Wooden surfaces, edges and corners                                    | NA         |
| 12  | Glass                                                                 | NA         |
| 13  | Fasteners                                                             | P          |
| 14  | Folding mechanism, bracket or bracing                                 | NA         |
| 15  | Spring-wound driving mechanisms                                       | NA         |
| 16  | Projectile components                                                 | NA         |
| 17  | Toys which a child can enter and which can be closed by a lid or door | NA         |
| 18  | Stationary toy that is intended to bear the weight of a child         | NA         |
|     | <u>Auditory hazards</u>                                               |            |
| 19  | Noise limit                                                           | P          |
|     | <u>Thermal hazards</u>                                                |            |
| 20  | Heated surfaces, parts or substances                                  | P          |
|     | <u>Dolls, plush toys and soft toys</u>                                |            |
| 28  | Fastenings to attach parts, clothing or ornamentation                 | NA         |
| 29  | Stuffing materials                                                    |            |
|     | (a) Clean and free from vermin                                        | NA         |
|     | (b) Free from hard and sharp foreign matter                           | NA         |
| 30  | Small parts -Squeaker, reed, valve or other similar device            | NA         |

**Test Report**

Number: SHAH01945022

Tests Conducted

| No. | Testing Items                                                 | Assessment |
|-----|---------------------------------------------------------------|------------|
| 31  | Eyes and noses                                                | NA         |
|     | <u>Plant seeds</u>                                            |            |
| 35  | Plant seeds for making noise                                  | P          |
| 36  | Plant seeds for stuffing material                             | NA         |
| 37  | Shaft-like handle                                             | NA         |
| 38  | Toy steam engines boilers                                     | NA         |
| 39  | Finger paints                                                 | NA         |
| 40  | Rattle                                                        | NA         |
| 41  | Elastics                                                      | NA         |
| 42  | Yo-yo type balls                                              |            |
|     | (a) Stretchable cords                                         | NA         |
|     | (b) Similar product                                           | NA         |
|     | <u>Magnetic Toys</u>                                          |            |
| 43  | Magnetic force                                                | NA         |
| 44  | (1) Exceptions of 44 (1)(a)                                   | NA         |
|     | Exceptions of 44 (1)(b)                                       | NA         |
|     | (2) Warning – Container and instructions or use for 44 (1)(b) | NA         |
|     | <u>Toys intended to be entered by a child</u>                 |            |
| 45  | Exception                                                     | NA         |
| 46  | Requirements and Testing                                      | NA         |
| 47  | Warning                                                       | NA         |

Remark: P = Pass

NA = Not Applicable

#1 = Due to the large size and heavy weight of the sample, the tip over test was conducted according to ISO 8124-1 section 5.24.3 instead of drop test.

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

15 Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217

|                             | <u>Assessment</u> | <u>Requirement</u> |
|-----------------------------|-------------------|--------------------|
| Cellulose Nitrate/Celluloid | Absent            | Absent             |

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

16 Flammability Test

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 Section 32.

Result:

| <u>Tested Components</u> | <u>After Washing<br/>(second)</u> | <u>Requirement<br/>(second)</u> |
|--------------------------|-----------------------------------|---------------------------------|
| Red fabric-tent          | 13.1                              | over 7                          |
|                          | 13.4                              |                                 |
|                          | 13.7                              |                                 |
|                          | 13.4                              |                                 |
|                          | 13.6                              |                                 |

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

17 Toxic Elements Analysis (CCPSA SOR/2011-17 and Amendment SOR/2022-122)

With reference to Method C-02.2.1, C-07 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Plasma-mass Spectrometry and Inductively Coupled Argon Plasma Spectrometry.

| Test Item          | Result (mg/kg) | Reporting Limit (mg/kg) | Limit (mg/kg) |
|--------------------|----------------|-------------------------|---------------|
|                    | (1)            |                         |               |
| Tot. Lead (Pb)     | ND             | 10                      | 90            |
| Tot. Mercury (Hg)  | ND             | 0.047                   | 10            |
| Sol. Cadmium (Cd)  | ND             | 5                       | 1000          |
| Sol. Antimony (Sb) | ND             | 5                       | 1000          |
| Sol. Selenium (Se) | ND             | 5                       | 1000          |
| Sol. Arsenic (As)  | ND             | 2.5                     | 1000          |
| Sol. Barium (Ba)   | 7#             | 5                       | 1000          |

The above limit was quoted according to Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and Amendment SOR/2022-122 for prohibition on toxic elements in stickers, films and surface coating materials.

Remark : Tot. = Total  
Sol. = Soluble  
ND = Not detected (Less than reporting limit)  
# = The result were adjusted by subtracting analytical correction factor.

Tested Component(s): See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026  
Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

18 CCPSA Toys Regulation SOR/2011-17 Section 27(a) on Toxic Elements Analysis

As per Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(a), acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry analysis.

| Test Item          | Result (mg/kg) | Reporting Limit<br>(mg/kg) | Limit<br>(mg/kg) |
|--------------------|----------------|----------------------------|------------------|
|                    | (2)to(15)      |                            |                  |
| Sol. Barium (Ba)   | ND             | 5                          | 1000             |
| Sol. Mercury (Hg)  | ND             | 5                          | 60               |
| Sol. Cadmium (Cd)  | ND             | 5                          | 75               |
| Sol. Antimony (Sb) | ND             | 5                          | 60               |
| Sol. Chromium (Cr) | ND             | 5                          | 60               |
| Sol. Selenium (Se) | ND             | 5                          | 500              |
| Sol. Arsenic (As)  | ND             | 2.5                        | 25               |

Remark: mg/kg = milligram per kilogram  
Sol. = Soluble  
ND = Not detected (less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

19 Total Lead (Pb) Content (Canada Consumer Products Containing Lead Regulations SOR/2018-83)

As per methods C02.2, C02.3 and C02.4, acid digestion was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry analysis.

| Test Item | Result (mg/kg) |       |       | Reporting Limit (mg/kg) | Limit (mg/kg) |
|-----------|----------------|-------|-------|-------------------------|---------------|
|           | (2+3+4)        | (5+6) | (7+8) |                         |               |
| Lead      | ND             | ND    | ND    | 10                      | 90            |

| Test Item | Result (mg/kg) |      | Reporting Limit (mg/kg) | Limit (mg/kg) |
|-----------|----------------|------|-------------------------|---------------|
|           | (16)           | (17) |                         |               |
| Lead      | ND             | ND   | 10                      | 90            |

The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

Remark: ND=Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

20 Total Mercury Content (Canada Products Containing Mercury Regulations SOR/ 2014-254)

As per Canada Products Containing Mercury Regulations SOR/ 2014-254 and Amendment SOR/ 2024-109, with reference to IEC 62321-4:2013+AMD1: 2017, acid digestion method was used and total Mercury content was determined by Inductively Coupled Argon Plasma Spectrometry.

| <u>Test Item</u> | <u>Result (%w/w)</u> |         |       |       | <u>Detection Limit</u><br><u>(%w/w)</u> | <u>Limit (%w/w)</u><br><u>(max.)</u> |
|------------------|----------------------|---------|-------|-------|-----------------------------------------|--------------------------------------|
|                  | (1)                  | (2+3+4) | (5+6) | (7+8) |                                         |                                      |
| Mercury (Hg)     | ND                   | ND      | ND    | ND    | 0.0001                                  | 0.1                                  |

| <u>Test Item</u> | <u>Result (%w/w)</u> |         |         | <u>Detection Limit</u><br><u>(%w/w)</u> | <u>Limit (%w/w)</u><br><u>(max.)</u> |
|------------------|----------------------|---------|---------|-----------------------------------------|--------------------------------------|
|                  | (9+10+11)            | (12+13) | (14+15) |                                         |                                      |
| Mercury (Hg)     | ND                   | ND      | ND      | 0.0001                                  | 0.1                                  |

Remark: ND = Not detected (<0.0001%)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

21 Phthalate Content (SOR/2016-188)

With reference to method CPSC-CH-C1001-09.3, followed by solvent extraction and Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Test Item                          | Result (mg/kg) |       |       | Detection Limit | Limit (mg/kg) |
|------------------------------------|----------------|-------|-------|-----------------|---------------|
|                                    | (2+3+4)        | (5+6) | (7+8) | (mg/kg)         | (Max.)        |
| Di-butyl phthalate (DBP)           | ND             | ND    | ND    | 100             | 1000          |
| Di(2-ethyl hexyl) phthalate (DEHP) | ND             | ND    | ND    | 100             | 1000          |
| Benzyl butyl phthalate (BBP)       | ND             | ND    | ND    | 100             | 1000          |
| Di-iso-nonyl phthalate (DINP)      | ND             | ND    | ND    | 100             | 1000          |
| Di-n-octyl phthalate (DNOP)        | ND             | ND    | ND    | 100             | 1000          |
| Di-iso-decyl phthalate (DIDP)      | ND             | ND    | ND    | 100             | 1000          |

The above limit was quoted according to Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 for phthalate content on toys and child care articles.

Remark: ND = Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

**22 Total Lead (Pb) Content on Products with Applied Stickers, Films or Surface Coating Materials (SOR/2016-193 Section 6 and Amendment SOR/2022-122)**

As per Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6 and amendment SOR/2022-122, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

| Test Item | Result (mg/kg) | Detection Limit (mg/kg) | Limit (mg/kg) |
|-----------|----------------|-------------------------|---------------|
|           | (1)            |                         |               |
| Lead      | ND             | 10                      | 90            |

Remark : mg/kg = milligram per kilogram  
ND=Not Detected

Tested Components : See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026  
Testing Period: 08 Apr, 2026 To 13 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

23 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014+ A1: 2018.

Applicant's Specified Age Group for Testing: For ages 1 year and up

|                                                                 |         |                 |
|-----------------------------------------------------------------|---------|-----------------|
| The submitted samples were undergone the following abuse tests: |         |                 |
| Test                                                            | Clause  | Parameter       |
| Torque Test                                                     | 8.3     | 0.34 Nm         |
| Tension Test                                                    | 8.4.2.1 | 90 N            |
| Seams and Materials                                             | 8.4.2.2 | 70 N            |
| Protective Components                                           | 8.4.2.3 | 60 N            |
| Drop Test                                                       | 8.5     | 850 mm x 5times |
| Tip Over Test                                                   | 8.6     | 3 times         |
| Impact Test                                                     | 8.7     | 1 kg            |
| Compression Test                                                | 8.8     | 110 N           |
| Flexibility of Metallic Wires                                   | 8.13    | 70 N            |

| Clause | Testing Items                                                                        | Assessment |
|--------|--------------------------------------------------------------------------------------|------------|
| 4      | General Requirements                                                                 |            |
| 4.1    | Material cleanliness                                                                 | P          |
| 4.2    | Assembly                                                                             | P          |
| 4.3    | Flexible plastic sheeting                                                            | NA         |
| 4.4    | Toy bags                                                                             | NA         |
| 4.5    | Glass                                                                                | NA         |
| 4.6    | Expanding materials                                                                  | NA         |
| 4.7    | Edges                                                                                | P          |
| 4.8    | Points and metallic wires                                                            | P          |
| 4.9    | Protruding parts                                                                     | P          |
| 4.10   | Parts moving against each other                                                      | NA         |
| 4.11   | Mouth actuated toys and other toys intended to be put in the mouth                   | NA         |
| 4.12   | Balloons                                                                             | NA         |
| 4.13   | Cords of toy kites and other flying toys                                             | NA         |
| 4.14   | Enclosures                                                                           | NA         |
| 4.15   | Toys intended to bear the mass of a child                                            | P          |
| 4.16   | Heavy immobile toys                                                                  | NA         |
| 4.17   | Projectile toys                                                                      | NA         |
| 4.18   | Aquatic toys and inflatable toys                                                     | NA         |
| 4.19   | Percussion caps specifically designed for use in toys and toys using percussion caps | NA         |
| 4.20   | Acoustics                                                                            | P          |
| 4.21   | Toys containing a non-electrical heat source                                         | NA         |
| 4.22   | Small balls                                                                          | NA         |
| 4.23   | Magnets                                                                              | NA         |



**Test Report**

Number: SHAH01945022

Tests Conducted

| Clause | Testing Items                                                               | Assessment |
|--------|-----------------------------------------------------------------------------|------------|
| 4.24   | Yo-yo balls                                                                 | NA         |
| 4.25   | Toys attached to food                                                       | NA         |
| 4.26   | Toy disguise costumes                                                       | NA         |
| 4.27   | Flying toys                                                                 | NA         |
| 5      | Toys intended for Children under 36 Months                                  |            |
| 5.1    | General requirements                                                        | P          |
| 5.2    | Soft-filled toys and soft-filled parts of a toy                             | NA         |
| 5.3    | Plastic sheeting                                                            | NA         |
| 5.4    | Cords, chains and electrical cables in toys                                 | P          |
| 5.5    | Liquid filled toys                                                          | NA         |
| 5.6    | Speed limitation of electrically-driven ride-on toys                        | NA         |
| 5.7    | Glass and porcelain                                                         | NA         |
| 5.8    | Shape and size of certain toys                                              | NA         |
| 5.9    | Toys comprising monofilament fibres                                         | NA         |
| 5.10   | Small balls                                                                 | NA         |
| 5.11   | Play figures                                                                | NA         |
| 5.12   | Hemispheric-shaped toys                                                     | NA         |
| 5.13   | Suction cups                                                                | NA         |
| 5.14   | Straps intended to be worn fully or partially around the neck               | NA         |
| 5.15   | Sledges with cords for pulling                                              | NA         |
| 6      | Packaging                                                                   | NA         |
| 7      | Warnings, markings and instructions for use                                 |            |
| 7.1    | General                                                                     | P          |
| 7.2    | Toys not intended for children under 36 months                              | NA         |
| 7.3    | Latex balloons                                                              | NA         |
| 7.4    | Aquatic toys                                                                | NA         |
| 7.5    | Functional toys                                                             | NA         |
| 7.6    | Hazardous sharp functional edges and points                                 | NA         |
| 7.7    | Projectile toys                                                             | NA         |
| 7.8    | Imitation protective masks and helmets                                      | NA         |
| 7.9    | Toy kites                                                                   | NA         |
| 7.10   | Roller skates, inline skates and skateboards and certain other ride-on toys | P          |
| 7.11   | Toys intended to be strung across a cradle, cot, or perambulator            | NA         |
| 7.12   | Liquid-filled teethingers                                                   | NA         |
| 7.13   | Percussion caps specifically designed for use in toys                       | NA         |
| 7.14   | Acoustics                                                                   | NA         |
| 7.15   | Toy bicycles                                                                | NA         |
| 7.16   | Toys intended to bear the mass of a child                                   | NA         |
| 7.17   | Toys comprising monofilament fibres                                         | NA         |
| 7.18   | Toy scooters                                                                | NA         |
| 7.19   | Rocking horses and similar toys                                             | NA         |



**Test Report**

Number: SHAH01945022

Tests Conducted

| Clause | Testing Items                                                                             | Assessment |
|--------|-------------------------------------------------------------------------------------------|------------|
| 7.20   | Magnetic/electrical experimental sets                                                     | NA         |
| 7.21   | Toys with electrical cables exceeding 300 mm in length                                    | NA         |
| 7.22   | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA         |
| 7.23   | Toys intended to be attached to a cradle, cot or perambulator                             | NA         |
| 7.24   | Sledges with cords for pulling                                                            | NA         |
| 7.25   | Flying toys                                                                               | NA         |
| 7.26   | Improvised projectiles                                                                    | NA         |

Remark: P = Pass

NA = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN 71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

After checking, it was found that:

|                             | Toy     | Packaging |
|-----------------------------|---------|-----------|
| Manufacturer's name         | Present | Present   |
| Manufacturer's address      | Present | Present   |
| Importer's name             | Absent  | Absent    |
| Importer's address          | Absent  | Absent    |
| Product identification code | Present | Present   |
| CE-marking                  | Absent  | Present   |

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

24 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2020+A1: 2025

| Clause | Testing Items                                                                                                                 | Assessment |
|--------|-------------------------------------------------------------------------------------------------------------------------------|------------|
| 4.1    | General Requirements                                                                                                          | P          |
| 4.2    | Toys to be worn on the head                                                                                                   |            |
| 4.2.2  | Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy   | NA         |
| 4.2.3  | Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy | NA         |
| 4.2.4  | Full or partial moulded head masks                                                                                            | NA         |
| 4.2.5  | Toys to be worn on the head                                                                                                   | NA         |
| 4.3    | Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play                                                         | NA         |
| 4.4    | Toys Intended to be Entered by a Child                                                                                        | NA         |
| 4.5    | Soft-Filled Toys                                                                                                              | NA         |

Remark : P = Pass NA = Not Applicable

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

25 EN 71-3: 2019+A2: 2024 on Migration of Certain Elements

(A) Test Result

As per EN 71-3:2019+A2: 2024 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

| Element                    | Result (mg/kg) |      |     |      | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|------|-----|------|-------------------------|---------------|
|                            | (1)#           | (2)# | (3) | (4)# |                         |               |
| Aluminium (Al)             | 822            | ND   | ND  | ND   | 300                     | 28130         |
| Antimony (Sb)              | ND             | ND   | ND  | ND   | 10                      | 560           |
| Arsenic (As)               | ND             | ND   | ND  | ND   | 10                      | 47            |
| Barium (Ba)                | 10             | ND   | ND  | ND   | 10                      | 18750         |
| Boron (B)                  | ND             | ND   | ND  | ND   | 50                      | 15000         |
| Cadmium (Cd)               | ND             | ND   | ND  | ND   | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             | ND   | ND  | ND   | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             | ND   | ND  | ND   | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             | ND   | ND  | ND   | 10                      | 130           |
| Copper (Cu)                | ND             | ND   | ND  | ND   | 10                      | 7700          |
| Lead (Pb)                  | ND             | ND   | ND  | ND   | 10                      | 23            |
| Manganese (Mn)             | ND             | ND   | ND  | ND   | 10                      | 15000         |
| Mercury (Hg)               | ND             | ND   | ND  | ND   | 10                      | 94            |
| Nickel (Ni)                | ND             | ND   | ND  | ND   | 10                      | 930           |
| Selenium (Se)              | ND             | ND   | ND  | ND   | 10                      | 460           |
| Strontium (Sr)             | ND             | ND   | ND  | ND   | 100                     | 56000         |
| Tin (Sn)                   | ND             | ND   | ND  | ND   | 2.5                     | 180000        |
| Organic tin **             | ND             | ND   | ND  | ND   | 5                       | 12            |
| Zinc (Zn)                  | ND             | ND   | ND  | ND   | 100                     | 46000         |

| Element                    | Result (mg/kg) |          |      |       | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|----------|------|-------|-------------------------|---------------|
|                            | (5)#           | (6)to(8) | (9)# | (10)# |                         |               |
| Aluminium (Al)             | ND             | ND       | ND   | ND    | 300                     | 28130         |
| Antimony (Sb)              | ND             | ND       | ND   | ND    | 10                      | 560           |
| Arsenic (As)               | ND             | ND       | ND   | ND    | 10                      | 47            |
| Barium (Ba)                | ND             | ND       | ND   | ND    | 10                      | 18750         |
| Boron (B)                  | ND             | ND       | ND   | ND    | 50                      | 15000         |
| Cadmium (Cd)               | ND             | ND       | ND   | ND    | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             | ND       | ND   | ND    | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             | ND       | ND   | ND    | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             | ND       | ND   | ND    | 10                      | 130           |
| Copper (Cu)                | ND             | ND       | ND   | ND    | 10                      | 7700          |
| Lead (Pb)                  | ND             | ND       | ND   | ND    | 10                      | 23            |
| Manganese (Mn)             | ND             | ND       | ND   | ND    | 10                      | 15000         |



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Tests Conducted

|                |    |    |    |    |     |        |
|----------------|----|----|----|----|-----|--------|
| Mercury (Hg)   | ND | ND | ND | ND | 10  | 94     |
| Nickel (Ni)    | ND | ND | ND | ND | 10  | 930    |
| Selenium (Se)  | ND | ND | ND | ND | 10  | 460    |
| Strontium (Sr) | ND | ND | ND | ND | 100 | 56000  |
| Tin (Sn)       | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ** | ND | ND | ND | ND | 5   | 12     |
| Zinc (Zn)      | ND | ND | ND | ND | 100 | 46000  |

| Element                    | Result (mg/kg) |       |       |       | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|-------|-------|-------|-------------------------|---------------|
|                            | (11)#          | (12)# | (13)# | (14)# |                         |               |
| Aluminium (Al)             | ND             | ND    | ND    | ND    | 300                     | 28130         |
| Antimony (Sb)              | ND             | ND    | ND    | ND    | 10                      | 560           |
| Arsenic (As)               | ND             | ND    | ND    | ND    | 10                      | 47            |
| Barium (Ba)                | ND             | ND    | ND    | ND    | 10                      | 18750         |
| Boron (B)                  | ND             | ND    | ND    | ND    | 50                      | 15000         |
| Cadmium (Cd)               | ND             | ND    | ND    | ND    | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             | ND    | ND    | ND    | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             | ND    | ND    | ND    | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             | ND    | ND    | ND    | 10                      | 130           |
| Copper (Cu)                | ND             | ND    | ND    | ND    | 10                      | 7700          |
| Lead (Pb)                  | ND             | ND    | ND    | ND    | 10                      | 23            |
| Manganese (Mn)             | ND             | ND    | ND    | ND    | 10                      | 15000         |
| Mercury (Hg)               | ND             | ND    | ND    | ND    | 10                      | 94            |
| Nickel (Ni)                | ND             | ND    | ND    | ND    | 10                      | 930           |
| Selenium (Se)              | ND             | ND    | ND    | ND    | 10                      | 460           |
| Strontium (Sr)             | ND             | ND    | ND    | ND    | 100                     | 56000         |
| Tin (Sn)                   | ND             | ND    | ND    | ND    | 2.5                     | 180000        |
| Organic tin **             | ND             | ND    | ND    | ND    | 5                       | 12            |
| Zinc (Zn)                  | ND             | ND    | ND    | ND    | 100                     | 46000         |

| Element                    | Result (mg/kg) |  | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|--|-------------------------|---------------|
|                            | (15)#          |  |                         |               |
| Aluminium (Al)             | ND             |  | 300                     | 28130         |
| Antimony (Sb)              | ND             |  | 10                      | 560           |
| Arsenic (As)               | ND             |  | 10                      | 47            |
| Barium (Ba)                | ND             |  | 10                      | 18750         |
| Boron (B)                  | ND             |  | 50                      | 15000         |
| Cadmium (Cd)               | ND             |  | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             |  | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             |  | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             |  | 10                      | 130           |
| Copper (Cu)                | ND             |  | 10                      | 7700          |
| Lead (Pb)                  | ND             |  | 10                      | 23            |



**Test Report**

Number: SHAH01945022

Tests Conducted

|                |    |     |        |
|----------------|----|-----|--------|
| Manganese (Mn) | ND | 10  | 15000  |
| Mercury (Hg)   | ND | 10  | 94     |
| Nickel (Ni)    | ND | 10  | 930    |
| Selenium (Se)  | ND | 10  | 460    |
| Strontium (Sr) | ND | 100 | 56000  |
| Tin (Sn)       | ND | 2.5 | 180000 |
| Organic tin ** | ND | 5   | 12     |
| Zinc (Zn)      | ND | 100 | 46000  |

Remark: mg/kg = milligram per kilogram  
 ++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.  
 - Organic tin test result was expressed as tributyl tin.  
 ND = Not detected (less than detection limit)

# = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

Tested component(s): See component list in the last section of this report.

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

## Test Report

Number: SHAH01945022

### Tests Conducted

- 26 REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content

With reference to ISO 8124-6: 2023 method A or C, followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis (Internal/ external standard method).

#### I. Annex XVII Entry 51

| Test Item                      | CAS No.  | Result (%. w/w) |       |       |      | Reporting Limit<br>(%. w/w) | Limit<br>(%. w/w) |
|--------------------------------|----------|-----------------|-------|-------|------|-----------------------------|-------------------|
|                                |          | (2+3+4)         | (5+6) | (7+8) | (18) |                             |                   |
| Dibutyl phthalate (DBP)        | 84-74-2  | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Diethyl hexyl phthalate (DEHP) | 117-81-7 | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Benzyl butyl phthalate (BBP)   | 85-68-7  | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Diisobutyl phthalate (DIBP)    | 84-69-5  | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Sum of DBP, DEHP, BBP and DIBP | --       | ND              | ND    | ND    | ND   | --                          | 0.1               |

The above limit was quoted according to Annex XVII Entry 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 for Phthalate content in articles.

#### II. Annex XVII Entry 52

| Test Item                   | CAS No.                   | Result (%. w/w) |       |       |      | Reporting Limit<br>(%. w/w) | Limit<br>(%. w/w) |
|-----------------------------|---------------------------|-----------------|-------|-------|------|-----------------------------|-------------------|
|                             |                           | (2+3+4)         | (5+6) | (7+8) | (18) |                             |                   |
| Di-n-octyl phthalate (DnOP) | 117-84-0                  | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Diisononyl phthalate (DINP) | 28553-12-0/<br>68515-48-0 | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Diisodecyl phthalate (DIDP) | 26761-40-0/<br>68515-49-1 | ND              | ND    | ND    | ND   | 0.005                       | --                |
| Sum of DINP, DNOP and DIDP  | --                        | ND              | ND    | ND    | ND   | --                          | 0.1               |

The above limit was quoted according to Annex XVII Entry 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 for Phthalate content in toys and childcare articles.

Remark: ND = Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

27 REACH Regulation (EC) No. 1907/2006 ANNEX XVII Entry 23 on Cadmium (Cd) Content

With reference to methods EN 1122:2001 (Method B), acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Plastic Components)

| Test Item    | Result (%) |       |       | Detection Limit (%) | Limit(%) (Max.) |
|--------------|------------|-------|-------|---------------------|-----------------|
|              | (2+3+4)    | (5+6) | (7+8) |                     |                 |
| Cadmium (Cd) | ND         | ND    | ND    | 0.0005              | 0.01            |

(Painted Article)

| Test Item    | Result (%) | Detection Limit (%) | Limit(%) |
|--------------|------------|---------------------|----------|
|              | (18)       |                     | (Max.)   |
| Cadmium (Cd) | ND         | 0.0005              | 0.1      |

Remark: ND = Not Detected (Less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

28 Physical and Mechanical Tests

As per the Australian / New Zealand Standard AS/NZS ISO 8124.1:2023 Safety Aspects Related to Mechanical and Physical Properties.

Applicant's Specified Age Group for Testing: For ages 1 year and up

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the Clause 5.24 of AS/NZS ISO 8124.1:2023 before the assessment of the relevant requirement in Clause 4:

| <u>Section</u> | <u>Test</u>      | <u>Parameter</u> |
|----------------|------------------|------------------|
| 5.24.2         | Drop test        | 10x138±5 cm      |
| 5.24.3         | Tip-over test    | 3 times          |
| 5.24.4         | Dynamic strength | --               |
| 5.24.5         | Torque test      | 0.45±0.02 Nm     |
| 5.24.6         | Tension test     | 70±2 N           |
| 5.24.7         | Compression test | 136±2 N          |
| 5.24.8         | Flexure test     | 70±2 N           |

| <u>Section</u> | <u>Testing Items</u>                                         | <u>Assessment</u> |
|----------------|--------------------------------------------------------------|-------------------|
| 4.1            | General                                                      | P                 |
| 4.2            | Reasonably foreseeable abuse                                 | P                 |
| 4.3            | Material                                                     | P                 |
| 4.4            | Small parts                                                  | P                 |
| 4.5            | Shape, size and strength of certain toys                     | NA                |
| 4.6            | Edges                                                        | P                 |
| 4.7            | Points                                                       | P                 |
| 4.8            | Projections                                                  | P                 |
| 4.9            | Metal wires and rods                                         | P                 |
| 4.10           | Plastic film or plastic bags in packaging and in toys        | NA                |
| 4.11           | Cords                                                        | P                 |
| 4.12           | Folding mechanisms                                           | NA                |
| 4.13           | Holes, clearances and accessibility of mechanisms            | P                 |
| 4.14           | Springs                                                      | NA                |
| 4.15           | Stability and overload requirements                          | P                 |
| 4.16           | Enclosures                                                   | NA                |
| 4.17           | Items that cover the face and simulated protective equipment | NA                |



**Test Report**

Number: SHAH01945022

Tests Conducted

| Section | Testing Items                                                 | Assessment |
|---------|---------------------------------------------------------------|------------|
| 4.18    | Projectile toys                                               | NA         |
| 4.19    | Flying toys                                                   | NA         |
| 4.20    | Aquatic toys                                                  | NA         |
| 4.21    | Braking                                                       | NA         |
| 4.22    | Toy bicycles                                                  | NA         |
| 4.23    | Speed limitation of electrically driven ride-on toys          | NA         |
| 4.24    | Toys containing a heat source                                 | NA         |
| 4.25    | Liquid-filled toys                                            | NA         |
| 4.26    | Mouth-actuated toys                                           | NA         |
| 4.27    | Toy roller skates, toy inline skates and toys skateboards     | NA         |
| 4.28    | Percussion caps specifically designed for use in toys         | NA         |
| 4.29    | Acoustic requirements                                         | P          |
| 4.30    | Toy scooters                                                  | NA         |
| 4.31    | Magnets and magnetic components                               | NA         |
| 4.32    | Yo-yo balls                                                   | NA         |
| 4.33    | Straps intended to be worn fully or partially around the neck | NA         |
| 4.34    | Sledges and toboggans with cords for pulling                  | NA         |
| 4.35    | Jaw entrapment in handles and steering wheels                 | P          |
| 4.36    | Assembly                                                      | P          |
| 4.37    | Functional toys                                               | NA         |
| 4.38    | Toys intended to come into contact with food                  | NA         |
| 4.39    | Inflatable toys                                               | NA         |
| Annex B | Safety-labelling guidelines and manufacturer's markings       | P          |
| Annex D | Toy gun marking                                               | NA         |

Remark: P = Pass

NA = Not applicable

Date Sample Received: 08 Apr, 2026 & 18 May, 2026

Testing Period: 08 Apr, 2026 To 18 May, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

29 Consumer Goods (Toys for Children up to and including 36 Months of Age) Safety Standard 2023

Test Standard: Consumer Goods (Toys for Children up to and including 36 Months of Age) Safety Standard 2023

Applicant's Specified Age Group for Testing: For ages 1 year and up

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the Clause 5.24 of AS/NZS ISO 8124.1:2023 before the assessment of the relevant requirement in Clause 4:

| <u>Section</u> | <u>Test</u>      | <u>Parameter</u> |
|----------------|------------------|------------------|
| 5.24.2         | Drop test        | 10x138±5 cm      |
| 5.24.3         | Tip-over test    | 3 times          |
| 5.24.4         | Dynamic strength | --               |
| 5.24.5         | Torque test      | 0.45±0.02 Nm     |
| 5.24.6         | Tension test     | 70±2 N           |
| 5.24.7         | Compression test | 114±2 N          |
| 5.24.8         | Flexure test     | 70±2 N           |

| <u>Clause</u> | <u>Testing items</u>                                                                                   | <u>Assessment</u> |
|---------------|--------------------------------------------------------------------------------------------------------|-------------------|
| 10a           | (Modified) Normal Use                                                                                  | P                 |
| 10b           | Reasonably foreseeable abuse                                                                           | P                 |
| 10c           | (Modified) Small parts (For children under 36 months)                                                  | P                 |
| 10d           | (Modified) Squeeze toys, rattles, fasteners and certain other toys and components of toys              | NA                |
| 10e           | (Modified) Small balls                                                                                 | NA                |
| 10f           | (Modified) Pompoms                                                                                     | NA                |
| 10g           | (Modified) Pre-school play figures                                                                     | NA                |
| 10h           | (Modified) Toy pacifiers                                                                               | NA                |
| 10i           | (Modified) Mouth-actuated toys                                                                         | NA                |
| 19            | (Modified) Electric Toy Standard (Small part battery shall not be removable without the aid of a tool) | NA                |

Remark: P = Pass

NA = Not applicable

Date Sample Received: 08 Apr, 2026 & 18 May, 2026

Testing Period: 08 Apr, 2026 To 18 May, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

30 Flammability Test

Test standard: Australian / New Zealand Standard on Safety of Toys AS/NZS ISO 8124.2:2023

| Clause | Testing Items                                                         | Assessment |
|--------|-----------------------------------------------------------------------|------------|
| 4.1    | General                                                               | P          |
| 4.2    | Toys to be worn on the head                                           | NA         |
| 4.3    | Toy disguise costumes and toys intended to be worn by a child in play | NA         |
| 4.4    | Toys intended to be entered by a child                                | NA         |
| 4.5    | Soft-filled toys                                                      | NA         |

Remark: P = Pass

NA = Not Applicable

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

31 Toxic Elements Analysis (Any Toy Material Except Modelling Clay and Putty, Finger Paint and Slime) (AS/NZS ISO 8124.3:2021+Amd 1:2023)

With reference to AS/NZS ISO 8124.3:2021+Amd 1:2023, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

| Element            | Result (mg/kg) |           | Detection Limit (mg/kg) | Limit (mg/kg) |
|--------------------|----------------|-----------|-------------------------|---------------|
|                    | (1)            | (2)to(15) |                         |               |
| Sol. Barium (Ba)   | 7#             | ND        | 5                       | 1000          |
| Sol. Lead (Pb)     | ND             | ND        | 5                       | 90            |
| Sol. Cadmium (Cd)  | ND             | ND        | 5                       | 75            |
| Sol. Antimony (Sb) | ND             | ND        | 5                       | 60            |
| Sol. Selenium (Se) | ND             | ND        | 5                       | 500           |
| Sol. Chromium (Cr) | ND             | ND        | 5                       | 60            |
| Sol. Mercury (Hg)  | ND             | ND        | 5                       | 60            |
| Sol. Arsenic (As)  | ND             | ND        | 2.5                     | 25            |

Remark: ND = Not detected (less than detection limit)

Sol. = Soluble

# = The results were adjusted by subtracting analytical correction factor.

Tested Components: See component list in the last section of this report.

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

32 Mechanical and Physical Test

As per British Standard on Safety of toys BS EN 71-1: 2014+A1: 2018.

Applicant's specified age group for testing: For ages 1 year and up

The submitted samples were undergone the following abuse tests:

| <u>Clause</u> | <u>Testing items</u>                 |
|---------------|--------------------------------------|
| 8.3           | Torque test (0.34 Nm)                |
| 8.4.2.1       | Tension test (90 N)                  |
| 8.4.2.3       | Protective components (60 N)         |
| 8.5           | Drop test (850 mm x 5 times)         |
| 8.6           | Tip over test (3 times)              |
| 8.7           | Impact test (1 kg)                   |
| 8.8           | Compression test (110 N)             |
| 8.13          | Flexibility of metallic wires (70 N) |

| Clause | Testing items                                                                        | Assessment |
|--------|--------------------------------------------------------------------------------------|------------|
| 4      | General requirements                                                                 |            |
| 4.1    | Material cleanliness                                                                 | P          |
| 4.2    | Assembly                                                                             | P          |
| 4.3    | Flexible plastic sheeting                                                            | NA         |
| 4.4    | Toy bags                                                                             | NA         |
| 4.5    | Glass                                                                                | NA         |
| 4.6    | Expanding materials                                                                  | NA         |
| 4.7    | Edges                                                                                | P          |
| 4.8    | Points and metallic wires                                                            | P          |
| 4.9    | Protruding parts                                                                     | P          |
| 4.10   | Parts moving against each other                                                      | NA         |
| 4.11   | Mouth actuated toys and other toys intended to be put in the mouth                   | NA         |
| 4.12   | Balloons                                                                             | NA         |
| 4.13   | Cords of toy kites and other flying toys                                             | NA         |
| 4.14   | Enclosures                                                                           | NA         |
| 4.15   | Toys intended to bear the mass of a child                                            | P          |
| 4.16   | Heavy immobile toys                                                                  | NA         |
| 4.17   | Projectile toys                                                                      | NA         |
| 4.18   | Aquatic toys and inflatable toys                                                     | NA         |
| 4.19   | Percussion caps specifically designed for use in toys and toys using percussion caps | NA         |
| 4.20   | Acoustics                                                                            | P          |



**Test Report**

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Tests Conducted

| Clause | Testing items                                                              | Assessment |
|--------|----------------------------------------------------------------------------|------------|
| 4.21   | Toys containing non-electrical heat source                                 | NA         |
| 4.22   | Small balls                                                                | NA         |
| 4.23   | Magnets                                                                    | NA         |
| 4.24   | Yo-yo balls                                                                | NA         |
| 4.25   | Toys attached to food                                                      | NA         |
| 4.26   | Toy Disguise Costumes                                                      | NA         |
| 4.27   | Flying toys                                                                | NA         |
| 5      | Toys intended for children under 36 months                                 |            |
| 5.1    | General requirements for children under 36 months                          | P          |
| 5.2    | Soft-filled toys and soft-filled parts of a toy                            | NA         |
| 5.3    | Plastic sheeting                                                           | NA         |
| 5.4    | Cords, chains and electrical cables in toys                                | P          |
| 5.5    | Liquid filled toys                                                         | NA         |
| 5.6    | Speed limitation of electrically-driven ride-on toys                       | NA         |
| 5.7    | Glass and porcelain                                                        | NA         |
| 5.8    | Shape and size of certain toys                                             | NA         |
| 5.9    | Toys comprising monofilament fibres                                        | NA         |
| 5.10   | Small balls                                                                | NA         |
| 5.11   | Play figures                                                               | NA         |
| 5.12   | Hemispheric-shaped toys                                                    | NA         |
| 5.13   | Suction cups                                                               | NA         |
| 5.14   | Straps intended to be worn fully or partially around the neck              | NA         |
| 5.15   | Sledges with cords for pulling                                             | NA         |
| 6      | Packaging                                                                  | NA         |
| 7      | Warnings, markings and instructions for use                                |            |
| 7.1    | General                                                                    | P          |
| 7.2    | Toys not intended for children under 36 months                             | NA         |
| 7.3    | Latex balloons                                                             | NA         |
| 7.4    | Aquatic toys                                                               | NA         |
| 7.5    | Functional toys                                                            | NA         |
| 7.6    | Hazardous sharp functional edges and points                                | NA         |
| 7.7    | Projectile toys                                                            | NA         |
| 7.8    | Imitation protective masks and helmets                                     | NA         |
| 7.9    | Toy kites                                                                  | NA         |
| 7.10   | Roller skates, inlineskates and skateboards and certain other ride-on toys | P          |
| 7.11   | Toys otherwise intended to be strung across a cradle, cot, or perambulator | NA         |



**Test Report**

Number: SHAH01945022

Tests Conducted

| Clause | Testing items                                                                             | Assessment |
|--------|-------------------------------------------------------------------------------------------|------------|
| 7.12   | Liquid-filled teethingers                                                                 | NA         |
| 7.13   | Percussion caps specifically designed for use in toys                                     | NA         |
| 7.14   | Acoustics                                                                                 | NA         |
| 7.15   | Toy bicycles                                                                              | NA         |
| 7.16   | Toys intended to bear the mass of a child                                                 | NA         |
| 7.17   | Toys comprising monofilament fibres                                                       | NA         |
| 7.18   | Toy scooters                                                                              | NA         |
| 7.19   | Rocking horses and similar toys                                                           | NA         |
| 7.20   | Magnetic/electrical experimental sets                                                     | NA         |
| 7.21   | Toys with electrical cables exceeding 300 mm in length                                    | NA         |
| 7.22   | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA         |
| 7.23   | Toys intended to be attached to a cradle, cot or perambulator                             | NA         |
| 7.24   | Sledges with cords for pulling                                                            | NA         |
| 7.25   | Flying toys                                                                               | NA         |
| 7.26   | Improvised projectiles                                                                    | NA         |

Abbreviation: P = Pass

F = Fail

NA = Not Applicable

Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the BS EN71 but are not standard requirements and not accredited:

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packaging shall also bear the CE-marking.

After checking, it was found that

|                             | Toy     | Packaging |
|-----------------------------|---------|-----------|
| Manufacturer's name         | Present | Present   |
| Manufacturer's address      | Present | Present   |
| Importer's name             | Absent  | Absent    |
| Importer's address          | Absent  | Absent    |
| Product identification code | Present | Present   |
| CE-marking                  | Absent  | Present   |

Below is additional information checking according to the UK Toy (Safety) Regulations requirement. The checking is not within accreditation scope.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that

|  | Toy | Packaging |
|--|-----|-----------|
|--|-----|-----------|



**Test Report**

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Tests Conducted

|                             |         |         |
|-----------------------------|---------|---------|
| Manufacturer's name         | Present | Present |
| Manufacturer's address      | Present | Present |
| UK Importer's name          | Absent  | Absent  |
| UK Importer's address       | Absent  | Absent  |
| Product identification code | Present | Present |

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020.

After checking UKCA marking, it was found that

|              |        |           |
|--------------|--------|-----------|
|              | Toy    | Packaging |
| UKCA marking | Absent | Absent    |

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued



**Test Report**

Number: SHAH01945022

Tests Conducted

33 Flammability Test

As per British Standard on Safety of Toys BS EN71-2: 2020

| Clause | Testing Items                                                                                                                 | Assessment |
|--------|-------------------------------------------------------------------------------------------------------------------------------|------------|
| 4.1    | General                                                                                                                       | P          |
| 4.2    | Toys to be worn on the head                                                                                                   |            |
| 4.2.2  | Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy   | NA         |
| 4.2.3  | Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy | NA         |
| 4.2.4  | Full or partial moulded head masks                                                                                            | NA         |
| 4.2.5  | Toys to be worn on the head                                                                                                   | NA         |
| 4.3    | Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play                                                         | NA         |
| 4.4    | Toys Intended to be Entered by a Child                                                                                        | NA         |
| 4.5    | Soft Filled Toys                                                                                                              | NA         |

Remark : P = Pass

NA = Not Applicable

Date Sample Received: 08 Apr, 2026 & 28 Apr, 2026

Testing Period: 08 Apr, 2026 To 28 Apr, 2026

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To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

34 BS EN 71-3: 2019+A2: 2024 on Migration of Certain Elements

(A) Test Result

With reference to BS EN 71-3:2019+A2: 2024 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

| Element                    | Result (mg/kg) |      |     |      | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|------|-----|------|-------------------------|---------------|
|                            | (1)#           | (2)# | (3) | (4)# |                         |               |
| Aluminium (Al)             | 822            | ND   | ND  | ND   | 300                     | 28130         |
| Antimony (Sb)              | ND             | ND   | ND  | ND   | 10                      | 560           |
| Arsenic (As)               | ND             | ND   | ND  | ND   | 10                      | 47            |
| Barium (Ba)                | 10             | ND   | ND  | ND   | 10                      | 18750         |
| Boron (B)                  | ND             | ND   | ND  | ND   | 50                      | 15000         |
| Cadmium (Cd)               | ND             | ND   | ND  | ND   | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             | ND   | ND  | ND   | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             | ND   | ND  | ND   | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             | ND   | ND  | ND   | 10                      | 130           |
| Copper (Cu)                | ND             | ND   | ND  | ND   | 10                      | 7700          |
| Lead (Pb)                  | ND             | ND   | ND  | ND   | 10                      | 23            |
| Manganese (Mn)             | ND             | ND   | ND  | ND   | 10                      | 15000         |
| Mercury (Hg)               | ND             | ND   | ND  | ND   | 10                      | 94            |
| Nickel (Ni)                | ND             | ND   | ND  | ND   | 10                      | 930           |
| Selenium (Se)              | ND             | ND   | ND  | ND   | 10                      | 460           |
| Strontium (Sr)             | ND             | ND   | ND  | ND   | 100                     | 56000         |
| Tin (Sn)                   | ND             | ND   | ND  | ND   | 2.5                     | 180000        |
| Organic tin **             | ND             | ND   | ND  | ND   | 5                       | 12            |
| Zinc (Zn)                  | ND             | ND   | ND  | ND   | 100                     | 46000         |

| Element                    | Result (mg/kg) |          |      |       | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|----------|------|-------|-------------------------|---------------|
|                            | (5)#           | (6)to(8) | (9)# | (10)# |                         |               |
| Aluminium (Al)             | ND             | ND       | ND   | ND    | 300                     | 28130         |
| Antimony (Sb)              | ND             | ND       | ND   | ND    | 10                      | 560           |
| Arsenic (As)               | ND             | ND       | ND   | ND    | 10                      | 47            |
| Barium (Ba)                | ND             | ND       | ND   | ND    | 10                      | 18750         |
| Boron (B)                  | ND             | ND       | ND   | ND    | 50                      | 15000         |
| Cadmium (Cd)               | ND             | ND       | ND   | ND    | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             | ND       | ND   | ND    | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             | ND       | ND   | ND    | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             | ND       | ND   | ND    | 10                      | 130           |
| Copper (Cu)                | ND             | ND       | ND   | ND    | 10                      | 7700          |
| Lead (Pb)                  | ND             | ND       | ND   | ND    | 10                      | 23            |
| Manganese (Mn)             | ND             | ND       | ND   | ND    | 10                      | 15000         |



# Test Report

Number: SHAH01945022

## Tests Conducted

|                |    |    |    |    |     |        |
|----------------|----|----|----|----|-----|--------|
| Mercury (Hg)   | ND | ND | ND | ND | 10  | 94     |
| Nickel (Ni)    | ND | ND | ND | ND | 10  | 930    |
| Selenium (Se)  | ND | ND | ND | ND | 10  | 460    |
| Strontium (Sr) | ND | ND | ND | ND | 100 | 56000  |
| Tin (Sn)       | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ** | ND | ND | ND | ND | 5   | 12     |
| Zinc (Zn)      | ND | ND | ND | ND | 100 | 46000  |

| Element                    | Result (mg/kg) |       |       |       | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|-------|-------|-------|-------------------------|---------------|
|                            | (11)#          | (12)# | (13)# | (14)# |                         |               |
| Aluminium (Al)             | ND             | ND    | ND    | ND    | 300                     | 28130         |
| Antimony (Sb)              | ND             | ND    | ND    | ND    | 10                      | 560           |
| Arsenic (As)               | ND             | ND    | ND    | ND    | 10                      | 47            |
| Barium (Ba)                | ND             | ND    | ND    | ND    | 10                      | 18750         |
| Boron (B)                  | ND             | ND    | ND    | ND    | 50                      | 15000         |
| Cadmium (Cd)               | ND             | ND    | ND    | ND    | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             | ND    | ND    | ND    | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             | ND    | ND    | ND    | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             | ND    | ND    | ND    | 10                      | 130           |
| Copper (Cu)                | ND             | ND    | ND    | ND    | 10                      | 7700          |
| Lead (Pb)                  | ND             | ND    | ND    | ND    | 10                      | 23            |
| Manganese (Mn)             | ND             | ND    | ND    | ND    | 10                      | 15000         |
| Mercury (Hg)               | ND             | ND    | ND    | ND    | 10                      | 94            |
| Nickel (Ni)                | ND             | ND    | ND    | ND    | 10                      | 930           |
| Selenium (Se)              | ND             | ND    | ND    | ND    | 10                      | 460           |
| Strontium (Sr)             | ND             | ND    | ND    | ND    | 100                     | 56000         |
| Tin (Sn)                   | ND             | ND    | ND    | ND    | 2.5                     | 180000        |
| Organic tin **             | ND             | ND    | ND    | ND    | 5                       | 12            |
| Zinc (Zn)                  | ND             | ND    | ND    | ND    | 100                     | 46000         |

| Element                    | Result (mg/kg) |  | Detection Limit (mg/kg) | Limit (mg/kg) |
|----------------------------|----------------|--|-------------------------|---------------|
|                            | (15)#          |  |                         |               |
| Aluminium (Al)             | ND             |  | 300                     | 28130         |
| Antimony (Sb)              | ND             |  | 10                      | 560           |
| Arsenic (As)               | ND             |  | 10                      | 47            |
| Barium (Ba)                | ND             |  | 10                      | 18750         |
| Boron (B)                  | ND             |  | 50                      | 15000         |
| Cadmium (Cd)               | ND             |  | 5                       | 17            |
| Chromium (III) (Cr III) ** | ND             |  | 10                      | 460           |
| Chromium (VI) (Cr VI) **   | ND             |  | 0.025                   | 0.053         |
| Cobalt (Co)                | ND             |  | 10                      | 130           |
| Copper (Cu)                | ND             |  | 10                      | 7700          |
| Lead (Pb)                  | ND             |  | 10                      | 23            |



**Test Report**

Number: SHAH01945022

Tests Conducted

|                |    |     |        |
|----------------|----|-----|--------|
| Manganese (Mn) | ND | 10  | 15000  |
| Mercury (Hg)   | ND | 10  | 94     |
| Nickel (Ni)    | ND | 10  | 930    |
| Selenium (Se)  | ND | 10  | 460    |
| Strontium (Sr) | ND | 100 | 56000  |
| Tin (Sn)       | ND | 2.5 | 180000 |
| Organic tin ** | ND | 5   | 12     |
| Zinc (Zn)      | ND | 100 | 46000  |

Remark: mg/kg = milligram per kilogram  
++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.  
- Organic tin test result was expressed as tributyl tin.  
ND = Not detected (less than detection limit)

# = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

Tested component(s): See component list in the last section of this report.

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: 08 Apr, 2026

Testing Period: 08 Apr, 2026 To 13 Apr, 2026

To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted



To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted



To be continued

**Test Report**

Number: SHAH01945022

Tests Conducted

Components:

- (1) White paper with multi-color printing (sticker).
- (2) Dull black plastic(pull handle).
- (3) Dull black plastic(pull handle and sunshade connect).
- (4) Black plastic(sunshade).
- (5) Black plastic(body).
- (6) Red plastic(body).
- (7) White plastic(body).
- (8) Light grey plastic(button).
- (9) Grey webbing.
- (10) Red fabric(sunshade).
- (11) Red fabric(sunshade binding).
- (12) White fabric(sunshade).
- (13) White fabric(sunshade binding).
- (14) Black fabric(sunshade).
- (15) Black fabric(sunshade binding).
- (16) Silver metal(screw).
- (17) Silver metal(base pole).
- (18) Multi-color coating on paper(sticker).

\*\*\*\*\*  
End of report

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