



## ROBIN REED INTERNATIONAL LIMITED

**Technical Report:** (8825)093-0097

Apr 13, 2025

Date Received: Apr 7, 2025

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ROBIN REED INTERNATIONAL LIMITED  
UNIT 3 KELVIN WAY TRADING ESTATE KELVIN WAY  
WEST BROMWICH UNITED KINGDOM B70 7TN

|                             |                     |                     |              |
|-----------------------------|---------------------|---------------------|--------------|
| Sample Description:         | BOOKMARK            | Sample Size:        | 6            |
| Vendor:                     | N/A                 | Style No(s):        | 955          |
| Manufacturer:               | N/A                 | SKN/SKU No.:        | NOT PROVIDE  |
| Labeled Age Grade:          | NOT PRESENT         | PO No.:             | NOT PROVIDE  |
| Appropriate Age Grade:      | NOT REQUESTED       | Ref #:              | NOT PROVIDE  |
| Client Specified Age Grade: | 3+                  | Country of Origin:  | NOT PROVIDE  |
| Tested Age Grade:           | OVER 3 YEARS OF AGE | Assortment No.:     | NOT PROVIDE  |
| UPC Code:                   | N/A                 | Test Finished Date: | APR 13, 2025 |
| Test Starting Date:         | APR 7, 2025         |                     |              |

### EXECUTIVE SUMMARY:

| Test Requested   | Conclusion |
|--|------------|
| Mechanical and physical properties requirements of the tested subclauses of the European Standard, "Safety of toys", EN71: Part 1:2014+A1:2018 clauses 1-6.    | PASS       |
| Flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2020.  | PASS       |
| Mechanical and physical properties requirements of the tested subclauses of the British Standard, "Safety of toys", BS EN71: Part 1:2014+A1:2018, clauses 1-6. | PASS       |
| Flammability requirements of the British Standard "Safety of Toys", BS EN 71: Part 2: 2020.  | PASS       |

To be continued

BUREAU VERITAS SHENZHEN CO.,LTD  
DONGGUAN BRANCH

*Lisa Bai*



Lisa Bai

Analytical lab technical ass. manager

BUREAU VERITAS SHENZHEN CO.,LTD  
DONGGUAN BRANCH

*Tone Tang*

Tone Tang

Physics Lab Assistant Supervisor

RT/ Carmen Xiong

### REMARK

If there are questions or concerns on this report, please contact the following persons:

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**EXECUTIVE SUMMARY:**

| Test Requested   | Conclusion |
|--|------------|
| Migration of Certain Elements in Category III - Scrapped off toy material requirements of the European Standard, "Safety of toys", EN 71-3:2019+A1:2021.   | PASS       |
| Migration of Certain Elements in Category III - Scrapped off toy material requirements of the British Standard, "Safety of toys", BS EN 71-3:2019+A1:2021.   | PASS       |
| Total Cadmium Content – European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII, Item no. 23.  | NA         |
| BBP, DBP, DEHP and DIBP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 51(amended up to EU No.2018/2005). | NA         |
| DNOP, DINP and DIDP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 52.                                    | NA         |
| Polycyclic Aromatic Hydrocarbons (PAHs) Content – European Regulation (EC) No. 1907/2006 Annex XVII, Entry 50, Paragraph 5 and 6.  | NA         |

Note: At the request of the client, the sample(s) was evaluated for use by children 3+.

Note: At the request of the client, the EN 71 Pt.1-2014+A1:2018: clause 7 labeling requirement(s) was not evaluated for this submission.

Note: At the request of the client, the BS EN 71 Pt.1-2014+A1:2018: clause 7 labeling requirement(s) was not evaluated for this submission.

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

**Tested Component(s) Description List:**

| Test Item(s) | Item / Component Description(s) | Location(s) | Style(s) |
|--------------|---------------------------------|-------------|----------|
| I001         | Silvery metal                   | Bookmark    | -        |



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**RESULTS:**

**APPROPRIATE AGE GRADE DETERMINATION**

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2014+A1:2018, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age determination guidelines prepared by Technical Committee CEN/TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

**EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6**

| Symbol | Explanation   |        |                    |        |                     |
|--------|---|--------|--------------------|--------|---------------------|
| NM     | The sample(s) DOES NOT MEET the requirement of this Subclause |        |                    |        |                     |
| M      | The sample(s) MEET the requirement of this Subclause          |        |                    |        |                     |
| N/A    | Not Applicable  |        |                    |        |                     |
| NR     | Not Requested   |        |                    |        |                     |
| NE     | Not Evaluated   |        |                    |        |                     |
| NP     | None Present  |        |                    |        |                     |
| NT     | Not Tested  |        |                    |        |                     |
| P      | Present   |        |                    |        |                     |
| R      | Refer to Comment Section of this report                       |        |                    |        |                     |
| Symbol | Language Present  | Symbol | Language Present   | Symbol | Language Present    |
| B      | Belgian language  | G      | German language    | PR     | Portuguese language |
| D      | Danish language   | GR     | Greek language     | S      | Spanish language    |
| E      | English language  | H      | Dutch language     | SD     | Swedish language    |
| F      | Finnish language  | I      | Italian language   | SZ     | Swiss language      |
| FR     | French language   | N      | Norwegian language |        |                     |



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**RESULTS:**

**MECHANICAL & PHYSICAL PROPERTIES**  
**(EN 71: PART 1 – 2014+A1 – 2018)**

| Subclause   | Requirement  | Result |
|---|--|--------|
| 4.1   | Material cleanliness   | M      |
| 4.2   | Assembly   | NA     |
| 4.3   | Flexible plastic sheeting  | NA     |
| 4.4   | Toy Bags   | NA     |
| 4.5   | Glass  | NA     |
| 4.6   | Expanding materials  | NA     |
| 4.7 & 7.6   | Edges  | M      |
| 4.8 & 7.6   | Points and metallic wires  | M      |
| 4.8e  | Splinters  | M      |
| 4.9   | Protruding parts   | NA     |
| 4.10.1  | Folding and sliding mechanisms                                     | NA     |
| 4.10.2  | Driving mechanisms   | NA     |
| 4.10.3  | Hinges   | NA     |
| 4.10.4  | Springs  | NA     |
| 4.11  | Mouth actuated toys and other toys intended to be put in the mouth | NA     |
| 4.12 & 7.3  | Balloons   | NA     |
| 4.13 & 7.9  | Cord of toy kites and other flying toys                            | NA     |
| 4.14.1  | Toys which a child can enter                                       | NA     |
| 4.14.2 & 7.8  | Masks and helmets  | NA     |
| 4.15.1  | Toys propelled by child  |        |
| 4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16 | Toys propelled by child – Instructions for use                     | NA     |
| 4.15.1.3  | Toys propelled by child – Strength                                 | NA     |
| 4.15.1.4  | Toys propelled by child – Stability                                | NA     |
| 4.15.1.5  | Toys propelled by child – Braking                                  | NA     |
| 4.15.1.6  | Toys propelled by child - Transmission                             | NA     |
| 4.15.1.7  | Toys propelled by child – insertion mark                           | NA     |
| 4.15.1.8  | Electrically-driven ride-on toys                                   | NA     |
| 4.15.2  | Toy bicycles   |        |
| 4.15.2.2 & 7.15                                     | Toy bicycles – Warnings and instructions for use                   | NA     |
| 4.15.2.3  | Toy bicycles – Braking   | NA     |
| 4.15.3 & 7.16 & 7.19                                | Rocking horses and similar toys                                    | NA     |
| 4.15.4 & 7.16                                       | Toys not propelled by child  | NA     |
| 4.15.5 & 7.18                                       | Toy scooters   | NA     |



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**RESULTS:**

| Subclause   | Requirement   | Result |
|---|---|--------|
| 4.16  | Heavy immobile toys   | NA     |
| 4.17.2  | All projectiles   | NA     |
| 4.17.3 & 7.7  | Projectile toys with stored energy  | NA     |
| 4.17.4 & 7.26   | Certain projectiles toys without stored energy  | NA     |
| 4.18 & 7.4  | Aquatic toys and inflatable toys  | NA     |
| 4.19 & 7.13 & 7.14                                    | Percussion caps   | NA     |
| 4.20.2.1- 4.20.2.4,<br>4.20.2.6-4.20.2.12 &<br>7.14   | Acoustics   | NA     |
| *4.20.2.5   | Acoustics— Toys using headphones or earphones   | NA     |
| 4.21  | Toys containing a non-electrical heat source  | NA     |
| 4.22 & 7.2  | Small balls   | NA     |
| 4.23  | Magnet  |        |
| 4.23.2 a, b & c                                       | Toy other than magnetic / electrical experimental sets intended for children over 8 years | NA     |
| 4.23.3 & 7.20   | Magnetic / electrical experimental sets intended for children over 8 years                | NA     |
| 4.24  | Yo-yo ball  | NA     |
| 4.25  | Toys attached to food   | NA     |
| 4.26  | Toy Disguise Costumes   | NA     |
| 4.27.1  | Flying toys – General   | NA     |
| 4.27.2 & 7.25.1                                       | Rotors and propellers on flying toys  | NA     |
| 4.27.3 & 7.25.2                                       | Rotors and propellers on remote controlled flying toys                                    | NA     |
| <b>FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS</b> |   |        |
| 5.1   | General   | NA     |
| 5.1a  | Small parts – as received   | NA     |
| 5.1b  | Small parts, sharp points, sharp edges – after tests                                      | NA     |
| 5.1c  | Cross section <2mm metal points & wires   | NA     |
| 5.1e  | Toys contain glue   | NA     |
| 5.1f  | Casing of toys  | NA     |
| 5.2   | Fillings, coverings and seams   | NA     |
| 5.3   | Adhesion of plastic sheeting  | NA     |
| 5.4.2   | Cords and chains in toys intended for children under 18 months                            | NA     |



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**RESULTS:**

| Subclause                             | Requirement   | Result |
|---------------------------------------|---|--------|
| 5.4.3 & 7.22                          | Cords and chains in toys intended for children of 18 months or over but under 36 months | NA     |
| 5.4.4                                 | Fixed loops, tangled loops and nooses   | NA     |
| 5.4.5                                 | Cords and chains on pull along toys   | NA     |
| 5.4.6 & 7.21                          | Electrical cables   | NA     |
| 5.4.7                                 | Cross-sectional dimension of certain cords  | NA     |
| 5.4.8                                 | Self-retracting cords   | NA     |
| 5.4.9 & 7.11 & 7.23                   | Toys attached to or intended to be strung across a cradle, cot or perambulator          | NA     |
| 5.5 & 7.12                            | Liquid filled toys  | NA     |
| 5.6                                   | Electrically driven toys  | NA     |
| 5.7                                   | Glass and porcelain   | NA     |
| 5.8                                   | Shape and size  | NA     |
| 5.9 & 7.17                            | 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 & 7.24                           | Sledges with cords for pulling  | NA     |
| 6                                     | Packaging   | NA     |
| <b>WARNINGS, INSTRUCTIONS FOR USE</b> |   |        |
| 7.1                                   | General   | NT     |
| 7.2                                   | Toys not intended for children under 36 months  | NT     |
| 7.5                                   | Functional toys   | NT     |

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test



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**RESULTS:**

**REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1**

| Sub-clause | Test Method                             | Sub-clause | Test Method                                   | Sub-clause | Test Method  | Sub-clause | Test Method                                 |
|------------|---|------------|---|------------|--|------------|---|
| 4.3        | 8.25.1                                  | 4.15.1.5   | 8.26.1  | 4.22       | 8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32                     | 5.4.5      | 8.40  |
| 4.5        | 8.5, 8.7, 8.11, 8.12                    | 4.15.1.8   | 8.29  | 4.23       | 8.2, 8.3, 8.4.2.1, 8.4.2.2, 8.5, 8.6, 8.7, 8.8, 8.34, 8.35 | 5.4.6      | 8.40  |
| 4.6        | 8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14  | 4.15.2.4   | 8.26.2  | 4.24       | 8.37   | 5.4.7      | 8.20  |
| 4.7        | 8.11                                    | 4.15.3     | 8.21, 8.23.1                                  | 4.25       | 8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32.1                   | 5.7.8      | 8.39  |
| 4.8        | 8.12, 8.13                              | 4.15.4     | 8.21, 8.23.1                                  | 4.26       | 8.38   | 5.5        | 8.15  |
| 4.9        | 8.4.2.3, 8.11, 8.12                     | 4.15.5     | 8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27          | 4.27.1     | 8.43   | 5.6        | 8.29  |
| 4.10.1     | 8.18.2, 8.18.3                          | 4.16       | 8.23.2  | 4.27.2     | 8.4.2.6  | 5.8        | 8.16  |
| 4.10.2     | 8.5, 8.6, 8.7, 8.11, 8.12               | 4.17.1     | 8.3, 8.4.2.1, 8.7, 8.8, 8.42                  | 4.27.3     | 8.4.2.6  | 5.10       | 8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32 |
| 4.11       | 8.2, 8.3, 8.4.2.1, 8.9, 8.17            | 4.17.2     | 8.3, 8.4.2.4.8.7, 8.8, 8.32.1, 8.43, 8.44     | 5.1        | 8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12          | 5.11       | 8.33  |
| 4.13       | 8.19                                    | 4.17.3     | 8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42 | 5.3        | 8.4.2.1, 8.25  | 5.12       | 8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,      |
| 4.14.1     | 8.31.1, 8.31.2                          | 4.17.4     | 8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42 | 5.4.1      | 8.40   | 5.13       | 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32           |
| 4.14.2     | 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12 | 4.18       | 8.2, 8.3, 8.4.2.1                             | 5.4.2      | 8.38, 8.40, 8.41   | 5.14       | 8.38  |
| 4.15.1.3   | 8.11, 8.12, 8.21, 8.22                  | 4.20       | 8.28  | 5.4.3      | 8.38, 8.40, 8.41   | 6          | 8.3, 8.4.2.1, 8.25.1, 8.32.1                |
| 4.15.1.4   | 8.23.1                                  | 4.21       | 8.30  | 5.4.4      | 8.36, 8.38   |            |   |



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**RESULTS:**

**FLAMMABILITY (EN 71 PART 2: 2020)**

| Subclause | Requirement   | Result |
|-----------|---|--------|
| 4.1       | Cellulose nitrate   | NP     |
| 4.1       | Highly flammable solids   | NP     |
| 4.1       | Surface flash on a piled surface  | NA     |
| *4.1      | Flammable gases   | NA     |
| *4.1      | Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels | NA     |
| 4.2       | Toys to be worn on the head   | NA     |
| 4.3       | Toy disguise costumes and toys intended to be worn by child in play                         | NA     |
| 4.3       | warning on product and packaging (10 - 30 mm/s)   | NA     |
| 4.4       | Toys intended to be entered by child  | NA     |
| 4.4       | warning on product and packaging (10 – 30 mm/s)   | NA     |
| 4.5       | Soft-filled toys  | NA     |

**REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2**

| Sub-clause | Test Method |
|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| 4.2.2      | 5.2         | 4.2.4      | 5.3         | 4.3        | 5.4         | 4.5        | 5.5         |
| 4.2.3      | 5.3         | 4.2.5      | 5.4         | 4.4        | 5.4         | -          | -           |

\* Note: Subclause indicated with \* are not accredited.

*M = Meet      NM = Not Meet      N/A = Not Applicable      R = Refer to Comment Section*

*P = Present      NP = Not Present*



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**RESULTS:**

**APPROPRIATE AGE GRADE DETERMINATION**

The Appropriate Age Grade is determined with reference to the BS EN71 : Part 1 : 2014+A1:2018, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age determination guidelines prepared by Technical Committee CEN/TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

**EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6**

| Symbol | Explanation   |        |                    |        |                     |
|--------|---|--------|--------------------|--------|---------------------|
| NM     | The sample(s) DOES NOT MEET the requirement of this Subclause |        |                    |        |                     |
| M      | The sample(s) MEET the requirement of this Subclause          |        |                    |        |                     |
| N/A    | Not Applicable  |        |                    |        |                     |
| NR     | Not Requested   |        |                    |        |                     |
| NE     | Not Evaluated   |        |                    |        |                     |
| NP     | None Present  |        |                    |        |                     |
| NT     | Not Tested  |        |                    |        |                     |
| P      | Present   |        |                    |        |                     |
| R      | Refer to Comment Section of this report                       |        |                    |        |                     |
| Symbol | Language Present  | Symbol | Language Present   | Symbol | Language Present    |
| B      | Belgian language  | G      | German language    | PR     | Portuguese language |
| D      | Danish language   | GR     | Greek language     | S      | Spanish language    |
| E      | English language  | H      | Dutch language     | SD     | Swedish language    |
| F      | Finnish language  | I      | Italian language   | SZ     | Swiss language      |
| FR     | French language   | N      | Norwegian language |        |                     |



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**MECHANICAL & PHYSICAL PROPERTIES  
(BS EN 71: PART 1 – 2014+A1 – 2018)**

| Subclause   | Requirement  | Result |
|---|--|--------|
| 4.1   | Material cleanliness   | M      |
| 4.2   | Assembly   | NA     |
| 4.3   | Flexible plastic sheeting  | NA     |
| 4.4   | Toy Bags   | NA     |
| 4.5   | Glass  | NA     |
| 4.6   | Expanding materials  | NA     |
| 4.7 & 7.6   | Edges  | M      |
| 4.8 & 7.6   | Points and metallic wires  | M      |
| 4.8e  | Splinters  | M      |
| 4.9   | Protruding parts   | NA     |
| 4.10.1  | Folding and sliding mechanisms                                     | NA     |
| 4.10.2  | Driving mechanisms   | NA     |
| 4.10.3  | Hinges   | NA     |
| 4.10.4  | Springs  | NA     |
| 4.11  | Mouth actuated toys and other toys intended to be put in the mouth | NA     |
| 4.12 & 7.3  | Balloons   | NA     |
| 4.13 & 7.9  | Cord of toy kites and other flying toys                            | NA     |
| 4.14.1  | Toys which a child can enter                                       | NA     |
| 4.14.2 & 7.8  | Masks and helmets  | NA     |
| 4.15.1  | Toys propelled by child  |        |
| 4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16 | Toys propelled by child – Instructions for use                     | NA     |
| 4.15.1.3  | Toys propelled by child – Strength                                 | NA     |
| 4.15.1.4  | Toys propelled by child – Stability                                | NA     |
| 4.15.1.5  | Toys propelled by child – Braking                                  | NA     |
| 4.15.1.6  | Toys propelled by child - Transmission                             | NA     |
| 4.15.1.7  | Toys propelled by child – insertion mark                           | NA     |
| 4.15.1.8  | Electrically-driven ride-on toys                                   | NA     |
| 4.15.2  | Toy bicycles   |        |
| 4.15.2.2 & 7.15                                     | Toy bicycles – Warnings and instructions for use                   | NA     |
| 4.15.2.3  | Toy bicycles – Braking   | NA     |
| 4.15.3 & 7.16 & 7.19                                | Rocking horses and similar toys                                    | NA     |
| 4.15.4 & 7.16                                       | Toys not propelled by child  | NA     |
| 4.15.5 & 7.18                                       | Toy scooters   | NA     |



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**RESULTS:**

| Subclause   | Requirement   | Result |
|---|---|--------|
| 4.16  | Heavy immobile toys   | NA     |
| 4.17.2  | All projectiles   | NA     |
| 4.17.3 & 7.7  | Projectile toys with stored energy  | NA     |
| 4.17.4 & 7.26   | Certain projectiles toys without stored energy  | NA     |
| 4.18 & 7.4  | Aquatic toys and inflatable toys  | NA     |
| 4.19 & 7.13 & 7.14                                    | Percussion caps   | NA     |
| 4.20.2.1- 4.20.2.4,<br>4.20.2.6-4.20.2.12 &<br>7.14   | Acoustics   | NA     |
| *4.20.2.5   | Acoustics— Toys using headphones or earphones   | NA     |
| 4.21  | Toys containing a non-electrical heat source  | NA     |
| 4.22 & 7.2  | Small balls   | NA     |
| 4.23  | Magnet  |        |
| 4.23.2 a, b & c                                       | Toy other than magnetic / electrical experimental sets intended for children over 8 years | NA     |
| 4.23.3 & 7.20   | Magnetic / electrical experimental sets intended for children over 8 years                | NA     |
| 4.24  | Yo-yo ball  | NA     |
| 4.25  | Toys attached to food   | NA     |
| 4.26  | Toy Disguise Costumes   | NA     |
| 4.27.1  | Flying toys – General   | NA     |
| 4.27.2 & 7.25.1                                       | Rotors and propellers on flying toys  | NA     |
| 4.27.3 & 7.25.2                                       | Rotors and propellers on remote controlled flying toys                                    | NA     |
| <b>FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS</b> |   |        |
| 5.1   | General   | NA     |
| 5.1a  | Small parts – as received   | NA     |
| 5.1b  | Small parts, sharp points, sharp edges – after tests                                      | NA     |
| 5.1c  | Cross section <2mm metal points & wires   | NA     |
| 5.1e  | Toys contain glue   | NA     |
| 5.1f  | Casing of toys  | NA     |
| 5.2   | Fillings, coverings and seams   | NA     |
| 5.3   | Adhesion of plastic sheeting  | NA     |
| 5.4.2   | Cords and chains in toys intended for children under 18 months                            | NA     |



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**RESULTS:**

| Subclause                             | Requirement   | Result |
|---------------------------------------|---|--------|
| 5.4.3 & 7.22                          | Cords and chains in toys intended for children of 18 months or over but under 36 months | NA     |
| 5.4.4                                 | Fixed loops, tangled loops and nooses   | NA     |
| 5.4.5                                 | Cords and chains on pull along toys   | NA     |
| 5.4.6 & 7.21                          | Electrical cables   | NA     |
| 5.4.7                                 | Cross-sectional dimension of certain cords  | NA     |
| 5.4.8                                 | Self-retracting cords   | NA     |
| 5.4.9 & 7.11 & 7.23                   | Toys attached to or intended to be strung across a cradle, cot or perambulator          | NA     |
| 5.5 & 7.12                            | Liquid filled toys  | NA     |
| 5.6                                   | Electrically driven toys  | NA     |
| 5.7                                   | Glass and porcelain   | NA     |
| 5.8                                   | Shape and size  | NA     |
| 5.9 & 7.17                            | 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 & 7.24                           | Sledges with cords for pulling  | NA     |
| 6                                     | Packaging   | NA     |
| <b>WARNINGS, INSTRUCTIONS FOR USE</b> |   |        |
| 7.1                                   | General   | NT     |
| 7.2                                   | Toys not intended for children under 36 months  | NT     |
| 7.5                                   | Functional toys   | NT     |

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test



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**RESULTS:**

**REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1**

| Sub-clause | Test Method                             | Sub-clause | Test Method                                   | Sub-clause | Test Method  | Sub-clause | Test Method                                 |
|------------|---|------------|---|------------|--|------------|---|
| 4.3        | 8.25.1                                  | 4.15.1.5   | 8.26.1  | 4.22       | 8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32                     | 5.4.5      | 8.40  |
| 4.5        | 8.5, 8.7, 8.11, 8.12                    | 4.15.1.8   | 8.29  | 4.23       | 8.2, 8.3, 8.4.2.1, 8.4.2.2, 8.5, 8.6, 8.7, 8.8, 8.34, 8.35 | 5.4.6      | 8.40  |
| 4.6        | 8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14  | 4.15.2.4   | 8.26.2  | 4.24       | 8.37   | 5.4.7      | 8.20  |
| 4.7        | 8.11                                    | 4.15.3     | 8.21, 8.23.1                                  | 4.25       | 8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32.1                   | 5.7.8      | 8.39  |
| 4.8        | 8.12, 8.13                              | 4.15.4     | 8.21, 8.23.1                                  | 4.26       | 8.38   | 5.5        | 8.15  |
| 4.9        | 8.4.2.3, 8.11, 8.12                     | 4.15.5     | 8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27          | 4.27.1     | 8.43   | 5.6        | 8.29  |
| 4.10.1     | 8.18.2, 8.18.3                          | 4.16       | 8.23.2  | 4.27.2     | 8.4.2.6  | 5.8        | 8.16  |
| 4.10.2     | 8.5, 8.6, 8.7, 8.11, 8.12               | 4.17.1     | 8.3, 8.4.2.1, 8.7, 8.8, 8.42                  | 4.27.3     | 8.4.2.6  | 5.10       | 8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32 |
| 4.11       | 8.2, 8.3, 8.4.2.1, 8.9, 8.17            | 4.17.2     | 8.3, 8.4.2.4.8.7, 8.8, 8.32.1, 8.43, 8.44     | 5.1        | 8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12          | 5.11       | 8.33  |
| 4.13       | 8.19                                    | 4.17.3     | 8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42 | 5.3        | 8.4.2.1, 8.25  | 5.12       | 8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,      |
| 4.14.1     | 8.31.1, 8.31.2                          | 4.17.4     | 8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42 | 5.4.1      | 8.40   | 5.13       | 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32           |
| 4.14.2     | 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12 | 4.18       | 8.2, 8.3, 8.4.2.1                             | 5.4.2      | 8.38, 8.40, 8.41   | 5.14       | 8.38  |
| 4.15.1.3   | 8.11, 8.12, 8.21, 8.22                  | 4.20       | 8.28  | 5.4.3      | 8.38, 8.40, 8.41   | 6          | 8.3, 8.4.2.1, 8.25.1, 8.32.1                |
| 4.15.1.4   | 8.23.1                                  | 4.21       | 8.30  | 5.4.4      | 8.36, 8.38   |            |   |



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**RESULTS:**

**FLAMMABILITY (BS EN 71 PART 2: 2020)**

| Subclause | Requirement   | Result |
|-----------|---|--------|
| 4.1       | Cellulose nitrate   | NP     |
| 4.1       | Highly flammable solids   | NP     |
| 4.1       | Surface flash on a piled surface  | NA     |
| *4.1      | Flammable gases   | NA     |
| *4.1      | Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels | NA     |
| 4.2       | Toys to be worn on the head   | NA     |
| 4.3       | Toy disguise costumes and toys intended to be worn by child in play                         | NA     |
| 4.3       | warning on product and packaging<br>(10 - 30 mm/s)  | NA     |
| 4.4       | Toys intended to be entered by child  | NA     |
| 4.4       | warning on product and packaging<br>(10 – 30 mm/s)  | NA     |
| 4.5       | Soft-filled toys  | NA     |

**REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2**

| Sub-clause | Test Method |
|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| 4.2.2      | 5.2         | 4.2.4      | 5.3         | 4.3        | 5.4         | 4.5        | 5.5         |
| 4.2.3      | 5.3         | 4.2.5      | 5.4         | 4.4        | 5.4         | -          | -           |

\* Note: Subclause indicated with \* are not accredited.

*M = Meet      NM = Not Meet      N/A = Not Applicable      R = Refer to Comment Section*  
*P = Present      NP = Not Present*



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**RESULTS:**

**Migration of Certain Elements, EN 71-3:2019+A1:2021**

Test Method: European Standard EN 71-3:2019+A1:2021 Section 8.

Class: Category III - Scraped off toy material

| Analyte                     | Requirement<br>(mg/kg) | Result (mg/kg) |   |   |   |   |
|-----------------------------|------------------------|----------------|---|---|---|---|
|                             |                        | Test Item(s)   |   |   |   |   |
| Category III                | I001                   | -              | - | - | - | - |
| Aluminum (Al)               | 28130                  | ND             | - | - | - | - |
| Arsenic (As)                | 47                     | ND             | - | - | - | - |
| Boron (B)                   | 15000                  | ND             | - | - | - | - |
| Barium (Ba)                 | 18750                  | ND             | - | - | - | - |
| Cadmium (Cd)                | 17                     | ND             | - | - | - | - |
| Cobalt (Co)                 | 130                    | 2              | - | - | - | - |
| Chromium III (Cr III)       | 460                    | 272.04         | - | - | - | - |
| Chromium VI (Cr VI)         | 0.053                  | ND#            | - | - | - | - |
| Copper (Cu)                 | 7700                   | ND             | - | - | - | - |
| Mercury (Hg)                | 94                     | ND             | - | - | - | - |
| Manganese (Mn)              | 15000                  | 300            | - | - | - | - |
| Nickel (Ni)                 | 930                    | 24             | - | - | - | - |
| Lead (Pb)                   | 23                     | ND             | - | - | - | - |
| Antimony (Sb)               | 560                    | ND             | - | - | - | - |
| Selenium (Se)               | 460                    | ND             | - | - | - | - |
| Tin (Sn)                    | 180000                 | ND             | - | - | - | - |
| Organic tin                 | 12                     | ND             | - | - | - | - |
| Strontium (Sr)              | 56000                  | ND             | - | - | - | - |
| Zinc (Zn)                   | 46000                  | 3              | - | - | - | - |
| Mass of trace amount (gram) |                        | -              | - | - | - | - |
| Conclusion                  |                        | PASS           | - | - | - | - |



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**RESULTS:**

mg/kg = milligrams per kilogram (ppm=parts per million)

Organic tin = migration of total organic tin is expressed as tributyltin cation content in mg/kg

# = Verified results (see note)

ND = Not detected

Detection Limit ( mg/kg ) :

Category III - Al : 2 ; Sb : 2 ; As : 2 ; Ba : 2 ; B : 2 ; Cd : 2 ; Cr III : 0.15 ; Cr VI : 0.025 ; Co : 2 ; Cu : 2 ; Pb : 2 ; Mn : 2 ; Hg : 2 ; Ni : 2 ; Se : 2 ; Sr : 2 ; Sn : 2 ; Organic tin : 2 ; Zn : 2

**Remark:**

- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

**Note:**

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: EN 71-3:2019+A1:2021, Annex F by Ion-chromatography with ICP-MS detector analysis.
- Organic tin: EN 71-3:2019+A1:2021, Annex G by Gas Chromatography-Mass Spectroscopy analysis.



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**RESULTS:**

**Migration of Certain Elements, BS EN 71-3:2019+A1:2021**

Test Method: British Standard BS EN 71-3:2019+A1:2021 Section 8.

Class: Category III - Scraped off toy material

| Analyte                     | Requirement<br>(mg/kg) | Result (mg/kg) |   |   |   |   |
|-----------------------------|------------------------|----------------|---|---|---|---|
|                             |                        | Test Item(s)   |   |   |   |   |
| Category III                | I001                   | -              | - | - | - | - |
| Aluminum (Al)               | 28130                  | ND             | - | - | - | - |
| Arsenic (As)                | 47                     | ND             | - | - | - | - |
| Boron (B)                   | 15000                  | ND             | - | - | - | - |
| Barium (Ba)                 | 18750                  | ND             | - | - | - | - |
| Cadmium (Cd)                | 17                     | ND             | - | - | - | - |
| Cobalt (Co)                 | 130                    | 2              | - | - | - | - |
| Chromium III (Cr III)       | 460                    | 272.04         | - | - | - | - |
| Chromium VI (Cr VI)         | 0.053                  | ND#            | - | - | - | - |
| Copper (Cu)                 | 7700                   | ND             | - | - | - | - |
| Mercury (Hg)                | 94                     | ND             | - | - | - | - |
| Manganese (Mn)              | 15000                  | 300            | - | - | - | - |
| Nickel (Ni)                 | 930                    | 24             | - | - | - | - |
| Lead (Pb)                   | 23                     | ND             | - | - | - | - |
| Antimony (Sb)               | 560                    | ND             | - | - | - | - |
| Selenium (Se)               | 460                    | ND             | - | - | - | - |
| Tin (Sn)                    | 180000                 | ND             | - | - | - | - |
| Organic tin                 | 12                     | ND             | - | - | - | - |
| Strontium (Sr)              | 56000                  | ND             | - | - | - | - |
| Zinc (Zn)                   | 46000                  | 3              | - | - | - | - |
| Mass of trace amount (gram) |                        | -              | - | - | - | - |
| Conclusion                  |                        | PASS           | - | - | - | - |



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**RESULTS:**

mg/kg = milligrams per kilogram (ppm=parts per million)

Organic tin = migration of total organic tin is expressed as tributyltin cation content in mg/kg

# = Verified results (see note)

ND = Not detected

Detection Limit ( mg/kg ) :

Category III - Al : 2 ; Sb : 2 ; As : 2 ; Ba : 2 ; B : 2 ; Cd : 2 ; Cr III : 0.15 ; Cr VI : 0.025 ; Co : 2 ; Cu : 2 ; Pb : 2 ; Mn : 2 ; Hg : 2 ; Ni : 2 ; Se : 2 ; Sr : 2 ; Sn : 2 ; Organic tin : 2 ; Zn : 2

Remark:

- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.

Note:

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: BS EN 71-3:2019+A1:2021, Annex F by Ion-chromatography with ICP-MS detector analysis.
- Organic tin: BS EN 71-3:2019+A1:2021, Annex G by Gas Chromatography-Mass Spectroscopy analysis.



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**RESULTS:**



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