

TEST REPORT

Number : WUXH00123927

Applicant : ZHEJIANG JIAJIA RIDE-ON CO.,LTD
XINCANG INDUSTRIAL ZONE PINGHU CITY,
ZHEJIANG,CHINA.

Date : Jan 11, 2022

Sample Description:

One(1) Group Of Submitted Sample Said To Be :

Item Name : Children's Car.
Item No. : JJ2066.
Labelled Age Group : For 37-96 months.
Packaging Provided By Applicant : Yes(Artwork).
Goods Exported To : EU.
Country Of Origin : China.

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(s).

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Peter Chen
General Manager



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Conclusion:

| <u>Tested Sample</u> | <u>Standard</u> | <u>Result</u> |
|---------------------------------------|--|---------------|
| Submitted Sample | EN71-1: 2014+ A1: 2018 For Mechanical And Physical Properties(EU) | Pass |
| Submitted Sample | EN71-1: 2014+ A1: 2018 For Mechanical And Physical Properties(UK) | Pass |
| Submitted Sample | EN71-2: 2011+A1: 2014 Flammability Test | Pass |
| Submitted Sample | EN71-2: 2020 Flammability Test | Pass |
| Tested Components Of Submitted Sample | EN 71-3:2019 On Migration Of Certain Elements | Pass |
| Tested Components Of Submitted Sample | EN 71-3: 2019 on migration of certain elements & EU 2019/1922 amending 2009/48/EC (effective from May, 20,2021) for Aluminium (Al) migration | Pass |
| Tested Components Of Submitted Sample | EN 71-3:2019+A1:2021 On Migration Of Certain Elements | Pass |

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Peter Chen
General Manager



TEST REPORT

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Tests Conducted (As Requested By The Applicant)

1 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 37-96 months

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 | 3times |
| 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 | 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 | P |
| 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 |



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| Clause | Testing Items | Assessment |
|--------|---|------------|
| 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 | NA |
| 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 | NA |
| 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 | P |
| 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 |



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| Clause | Testing Items | Assessment |
|--------|---|------------|
| 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 |

Remark: P = Pass NA = Not Applicable

Artwork of packaging was provided for testing.

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

Date Sample Received: Dec 14, 2021

Testing Period: Dec 14, 2021 To Dec 24, 2021



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Tests Conducted (As Requested By The Applicant)

2 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 37-96 months

| 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 | 3times |
| 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 | 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 | P |
| 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 |



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Tests Conducted (As Requested By The Applicant)

| Clause | Testing Items | Assessment |
|--------|---|------------|
| 4.20 | Acoustics | P |
| 4.21 | Toys containing a 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 | NA |
| 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 | NA |
| 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 | P |
| 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 |



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| Clause | Testing Items | Assessment |
|--------|---|------------|
| 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 |
| 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

Artwork of packaging was provided for testing.

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

Below is additional information checking according to the UK Toy (Safety) Regulations requirement.



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Tests Conducted (As Requested By The Applicant)

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 |
|---|--------|-----------|
| Name of authorised representative in Great Britain | Absent | Absent |
| Address of authorised representative in Great Britain | Absent | Absent |
| Product identification code | Absent | 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: Dec 14, 2021

Testing Period: Dec 14, 2021 To Dec 24, 2021



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Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

3 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2011+A1: 2014

| 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 hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy | NA |
| 4.2.3 | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, 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 | Flowing elements of 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: Dec 14, 2021

Testing Period: Dec 14, 2021 To Dec 24, 2021



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Tests Conducted (As Requested By The Applicant)

4 Flammability Test

As per European Standard on Safety of Toys 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: Dec 14, 2021

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5 19 Toxic Elements Migration Test

(A) Test Result

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

Category (III): Scraped-off toy material

| <u>Element</u> | <u>Result (mg/kg)</u> | | | | | <u>Limit (mg/kg)</u> |
|---------------------------------------|-----------------------|---------|---------|---------|---------|----------------------|
| | (1) | (2) | (3) | (4) | (5) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025 | < 0.025 | < 0.025 | < 0.025 | < 0.025 | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | < 10 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |



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| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|---------|---------|---------|---------|---------------|
| | (6) | (7) | (8) | (9) | (10) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025 | < 0.025 | < 0.025 | < 0.025 | < 0.025 | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | < 10 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |

| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|----------|---------|----------|----------|---------------|
| | (11) | (12) | (13) | (14) | (15) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025# | < 0.025# | < 0.025 | < 0.025# | < 0.025# | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | 16 | < 10 | 19 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0Δ | < 3.0Δ | < 3.0Δ | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |



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Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|----------|---------|----------|----------|---------------|
| | (16) | (17) | (18) | (19) | (20) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025# | < 0.025# | < 0.025 | < 0.025# | < 0.025# | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | 11 | 18 | 11 | 18 | 12 | 180000 |
| Organic tin ⁺⁺ | < 3.0Δ | < 3.0Δ | < 3.0Δ | < 3.0Δ | < 3.0Δ | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |

| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|----------|----------|---------|---------|---------------|
| | (21) | (22) | (23) | (24) | (25) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025 | < 0.025# | < 0.025# | < 0.025 | < 0.025 | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | 12 | 15 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0Δ | < 3.0Δ | < 3.0Δ | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|---------|---------|---------|----------|---------------|
| | (26) | (27) | (28) | (29) | (30) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025 | < 0.025 | < 0.025 | < 0.025 | < 0.025# | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | < 10 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |

| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|---------|---------|----------|---------|---------------|
| | (31) | (32) | (33) | (34) | (35) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025# | < 0.025 | < 0.025 | < 0.025# | < 0.025 | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | < 10 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | < 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Limit (mg/kg) |
|---------------------------------------|----------------|----------|---------|---------|----------|---------------|
| | (36) | (37) | (38) | (39) | (40) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | < 300 | < 300 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025 | < 0.025# | < 0.025 | < 0.025 | < 0.025# | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | < 10 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | 139 | 46000 |

| Element | Result (mg/kg) | | | | Limit (mg/kg) |
|---------------------------------------|----------------|----------|----------|----------|---------------|
| | (41) | (42) | (43) | (44) | |
| Aluminium (Al) | < 300 | < 300 | < 300 | 331 | 70000/28130◎ |
| Antimony (Sb) | < 10 | < 10 | < 10 | < 10 | 560 |
| Arsenic (As) | < 10 | < 10 | < 10 | < 10 | 47 |
| Barium (Ba) | < 10 | < 10 | < 10 | < 10 | 18750 |
| Boron (B) | < 50 | < 50 | < 50 | < 50 | 15000 |
| Cadmium (Cd) | < 5 | < 5 | < 5 | < 5 | 17 |
| Chromium (III) (Cr III) ⁺⁺ | < 10 | < 10 | < 10 | < 10 | 460 |
| Chromium (VI) (Cr VI) ⁺⁺ | < 0.025 | < 0.025# | < 0.025# | < 0.025# | 0.053 |
| Cobalt (Co) | < 10 | < 10 | < 10 | < 10 | 130 |
| Copper (Cu) | < 10 | < 10 | < 10 | < 10 | 7700 |
| Lead (Pb) | < 10 | < 10 | < 10 | < 10 | 23 |
| Manganese (Mn) | < 10 | < 10 | < 10 | < 10 | 15000 |
| Mercury (Hg) | < 10 | < 10 | < 10 | < 10 | 94 |
| Nickel (Ni) | < 10 | < 10 | < 10 | < 10 | 930 |
| Selenium (Se) | < 10 | < 10 | < 10 | < 10 | 460 |
| Strontium (Sr) | < 100 | < 100 | < 100 | < 100 | 56000 |
| Tin (Sn) | < 10 | < 10 | < 10 | < 10 | 180000 |
| Organic tin ⁺⁺ | < 3.0 | < 3.0 | < 3.0 | < 3.0 | 12 |
| Zinc (Zn) | < 100 | < 100 | < 100 | < 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

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.

⊙ = The new Aluminium (Al) migration limit [2250mg/kg for Category (I), 560mg/kg for Category (II), 28130mg/kg for Category (III)] was quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.

= 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).

Δ = Confirmation test was performed on the tested component. The reported value was calculated by summation of the migration values of Methyl tin, Dimethyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Monobutyl tin and Triphenyl tin. Other Organic tin compounds may be also be present in sample as stated in EN 71-3:2019.

Tested Component: 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: Dec 14, 2021

Testing Period: Dec 14, 2021 To Jan 11, 2022



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

6 19 Toxic Element Migration Test

(A) Test Result

As per EN 71-3:2019+A1:2021 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) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|-----|-----|-----|-----|-------------------------|---------------|
| | (1) | (2) | (3) | (4) | (5) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | ND | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ++ | ND | ND | ND | ND | ND | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|-----|-----|-----|------|-------------------------|---------------|
| | (6) | (7) | (8) | (9) | (10) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | ND | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ++ | ND | ND | ND | ND | ND | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|------|-------------------------|---------------|
| | (11) | (12) | (13) | (14) | (15) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | ND | ND | 16 | 5.2 | 19 | 2.5 | 180000 |
| Organic tin ⁺⁺ | ND | ND | NDA | NDA | NDA | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|------|-------------------------|---------------|
| | (16) | (17) | (18) | (19) | (20) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | 11 | 18 | 11 | 18 | 12 | 2.5 | 180000 |
| Organic tin ** | NDA | NDA | NDA | NDA | NDA | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|------|-------------------------|---------------|
| | (21) | (22) | (23) | (24) | (25) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | 8.0 | 12 | 15 | ND | ND | 2.5 | 180000 |
| Organic tin ** | NDA | NDA | NDA | ND | ND | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|------|-------------------------|---------------|
| | (26) | (27) | (28) | (29) | (30) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | ND | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ** | ND | ND | ND | ND | ND | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|------|-------------------------|---------------|
| | (31) | (32) | (33) | (34) | (35) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | ND | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ** | ND | ND | ND | ND | ND | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | ND | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|------|-------------------------|---------------|
| | (36) | (37) | (38) | (39) | (40) | | |
| Aluminium (Al) | ND | ND | ND | ND | ND | 300 | 28130 |
| Antimony (Sb) | ND | ND | ND | ND | ND | 10 | 560 |
| Arsenic (As) | ND | ND | ND | ND | ND | 10 | 47 |
| Barium (Ba) | ND | ND | ND | ND | ND | 10 | 18750 |
| Boron (B) | ND | ND | ND | ND | ND | 50 | 15000 |
| Cadmium (Cd) | ND | ND | ND | ND | ND | 5 | 17 |
| Chromium (III) (Cr III) # | ND | ND | ND | ND | ND | 10 | 460 |
| Chromium (VI) (Cr VI) | ND | ND | ND | ND | ND | 0.025 | 0.053 |
| Cobalt (Co) | ND | ND | ND | ND | ND | 10 | 130 |
| Copper (Cu) | ND | ND | ND | ND | ND | 10 | 7700 |
| Lead (Pb) | ND | ND | ND | ND | ND | 10 | 23 |
| Manganese (Mn) | ND | ND | ND | ND | ND | 10 | 15000 |
| Mercury (Hg) | ND | ND | ND | ND | ND | 10 | 94 |
| Nickel (Ni) | ND | ND | ND | ND | ND | 10 | 930 |
| Selenium (Se) | ND | ND | ND | ND | ND | 10 | 460 |
| Strontium (Sr) | ND | ND | ND | ND | ND | 100 | 56000 |
| Tin (Sn) | ND | ND | ND | ND | ND | 2.5 | 180000 |
| Organic tin ** | ND | ND | ND | ND | ND | 5 | 12 |
| Zinc (Zn) | ND | ND | ND | ND | 139 | 100 | 46000 |



TEST REPORT

Number : WUXH00123927

Tests Conducted (As Requested By The Applicant)

| Element | Result (mg/kg) | | | | Reporting Limit (mg/kg) | Limit (mg/kg) |
|---------------------------|----------------|------|------|------|-------------------------|---------------|
| | (41) | (42) | (43) | (44) | | |
| Aluminium (Al) | ND | ND | ND | 331 | 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 |

Remark : mg/kg = milligram per kilogram
 ++ = Unless the test results were marked with "Δ", Organic tin contents were not directly determined and were derived from migration results of total tin.
 - Organic Tin Test Result Was Expressed As Tributyl Tin.
 ND = Not Detected (Less Than Reporting Limit)
 # = The reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).
 Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation. Other Organic tin compounds may be also be present in sample as stated in EN 71-3:2019+A1:2021.

Tested Component: See Component List In The Last Section Of This Report.



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(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: Dec 14, 2021

Testing Period: Dec 14, 2021 To Jan 11, 2022



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Tests Conducted (As Requested By The Applicant)

Photo



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The Samples Were Submitted By The Client, Only For Reference



Components List:

- (1) Purple Plastic(Body).
 - (2) Yellow Plastic(Body).
 - (3) Coffee Plastic(Body).
 - (4) Pink Plastic(Body).
 - (5) Gray Plastic(Body).
 - (6) Blue Plastic(Body).
 - (7) Deep Blue Plastic(Body).
 - (8) Orange Plastic (Body).
 - (9) White Plastic(Body).
 - (10) Rice White Plastic(Body).
 - (11) Green Plastic(Body).
 - (12) Transparent Plastic(Body).
 - (13) Coffee Soft Plastic (The Wire Skin).
 - (14) Red Soft Plastic (The Wire Skin).
 - (15) Deep Soft Plastic (The Wire Skin).
 - (16) Green Soft Plastic (The Wire Skin).
 - (17) Deep Green Soft Plastic (The Wire Skin).
 - (18) Blue Soft Plastic (The Wire Skin).
-

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Tests Conducted (As Requested By The Applicant)

- (19) Deep Blue Soft Plastic (The Wire Skin).
- (20) White Soft Plastic (The Wire Skin).
- (21) Black Soft Plastic (The Wire Skin).
- (22) Yellow Soft Plastic (The Wire Skin).
- (23) Orange Soft Plastic (The Wire Skin).
- (24) Red Plastic(Body).
- (25) Black Transparent Plastic(Front Window,Door Window).
- (26) Black Plastic(Front Fence).
- (27) Transparent Plastic(Front Light).
- (28) Red Transparent Plastic(Tail Light).
- (29) White Soft Plastic(MP3 Wire).
- (30) Red Transparent Plastic (Button).
- (31) Black Plastic (Button).
- (32) Black Plastic(Gear Lever).
- (33) Black Plastic(Steering Wheel).
- (34) Black Plastic(Door Lock).
- (35) Grey Plastic(Seat Tail).
- (36) Black Plastic(Adjuster Of Safety Belt).
- (37) Black Woven Fabric(Safety Belt).
- (38) Dark Grey Plastic(Accelerator Pedal).
- (39) Black Plastic(Wheel).
- (40) Black Coating On Metal(Chassis).
- (41) Light Grey Plastic(Front Chassis).
- (42) Grey Plastic(Tail Chassis).
- (43) Black Synthetic Leather(Seat Cover).
- (44) White Adhesive Paper With Multi-Color Printing(Warning Label).

End of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Wuxi Ltd.

