



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T52410260077TY

Date: MAR 19, 2024

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HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
HAPE INTERNATIONAL (NINGBO) LTD
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,
BEILUN, NINGBO, CHINA PC:315800

The following samples were submitted and identified by/on behalf of the client as:

- 761820,761829 GARBAGE SORTING,TRUCK,POLYM TRUCK BODY
- 761821 FIRE RESCUE TRUCK
- 760094 POLY M SQUARE BUCKET SET
- 760056,761830 100PCS BUILDING BLOCK SET,BUCKET FOR BLOCKS
- 760019 POLY-M DOLL TEAM 1 - RYBG
- 760171 LAND, SEA AIR RESCUE BUCKET PLAYSET

Item No. : 761820, 761829, 761821, 760094, 760056, 761830,
760019, 760171

Country of Origin : CHINA

Country of Destination : GLOBAL

Labeled Age Grading : 1½ - 5Y, SUITABLE FOR CHILDREN OVER 18
MONTHS OLD

Requested Age Grading : 1.5-5Y, 18M+

Age Group Assessed by SGS As Per Age Guideline : OVER 18 MONTHS

Age Group Applied in Testing : OVER 18 MONTHS

Sample Receiving Date : FEB 02, 2024

Further Information Date : MAR 15, 2024

Testing Period : FEB 02, 2024 TO MAR 19, 2024



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Shenzhen Branch Testing Center Hardlines

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Member of the SGS Group (SGS SA)

Test Requested		Conclusion
1.	For compliance with the Australian Trade Practices Act 1974, Consumer Protection Notice No. 14 of 2003 – Consumer Product Safety Standard: Toys for children up to and including 36 months of age.	PASS
2.	Australian Trade Practices Act 1974 (Renamed Australian Competition and Consumer Act 2010 from January 2011) - Consumer Protection Notice No. 1 of 2009 - Consumer Product Safety Standard: Lead and Certain Elements in Children's Toys	PASS*
3.	For compliance with the Australian/New Zealand Standard on Safety of toys:	--
	AS/NZS ISO 8124-1:2023 – Safety of toys – Part 1: Safety aspects related to mechanical and physical properties	PASS
	AS/NZS ISO 8124-2:2023 – Safety of toys – Part 2: Flammability	PASS
	AS/NZS ISO 8124.3: 2021 – Safety of toys – Part 3 – Migration of Certain Elements	PASS
4.	For compliance with the New Zealand Product Safety Standards (Children's Toys) Regulations 2005	PASS



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Test Requested		Conclusion
5.	New Zealand Unsafe Goods (Lead in children's toys) Indefinite Prohibition Notice 2009	PASS

Remark: Test item (s) with "*" is (are) not accredited by CNAS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
 SGS-CSTC Standards Technical
 Services Co., Ltd. Shenzhen Branch Testing Center



Sun Enxu, Aaron
 Dept. Manager
 CNAS Approved Signatories

Sun Yaqing, Sunny
 Supervisor
 CNAS Approved Signatories



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Results:

Australian Trade Practices Act 1974, Consumer Protection Notice No. 14 of 2003 – Consumer Product Safety Standard: Toys for children up to and including 36 months of age

Clause	Description	Result
4	Requirements	
4.1	Normal use	PASS
4.2	Reasonably foreseeable abuse	PASS
4.4	Small parts	
4.4.1	For children under 36 months	PASS
4.5	Shape, size and strength of certain toys	
4.5.1	Squeeze toys, rattles and certain other toys	N/A
4.5.2	Small balls	N/A
4.5.3	Pompoms	N/A
4.5.4	Preschool play figures	N/A
4.5.5	Toy pacifiers	N/A
4.25	Mouth-actuated toys	N/A
5	Test methods	
5.23	Washable toys	N/A
5.24	Reasonably foreseeable abuse tests	PASS
Annex A	Battery-operated toys	
A.2.3	No batteries shall be accessible without the use of a tool or unless at least two independent movements have been applied simultaneously to the battery compartment.	N/A



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Australian Trade Practices Act 1974 - Consumer Protection Notice No. 1 of 2009 - Consumer Product Safety Standard: Lead and Certain Elements in Children's Toys

Method: With reference to AS/NZS ISO 8124.3: 2021 and AS/NZS 8124.3: 2003

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (mg/kg)				5	5	2.5	10	5	5	5	10
Permissible Limit (mg/kg) – Other than Modeling Clay and Finger Paint				90	60	25	1000	75	60	60	500
Permissible Limit (mg/kg) – Modeling clay				90	60	25	250	50	25	25	500
Permissible Limit (mg/kg) – Finger paint				25	10	10	350	15	25	10	50
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
1	1	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	1	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	10	/	ND	ND	ND	ND	ND	ND	ND	ND
10	1	11	/	ND	ND	ND	ND	ND	ND	ND	ND
11	1	12	/	ND	ND	ND	ND	ND	ND	ND	ND
12	1	13	/	ND	ND	ND	ND	ND	ND	ND	ND
13	1	14	/	ND	ND	ND	ND	ND	ND	ND	ND
14	1	15	/	ND	ND	ND	ND	ND	ND	ND	ND
15	1	16	/	ND	ND	ND	ND	ND	ND	ND	ND
16	1	17	/	ND	ND	ND	ND	ND	ND	ND	ND
17	1	18	/	ND	ND	ND	ND	ND	ND	ND	ND
18	1	19	/	ND	ND	ND	ND	ND	ND	ND	ND
19	1	20	/	ND	ND	ND	ND	ND	ND	ND	ND
20	1	21	/	ND	ND	ND	ND	ND	ND	ND	ND



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Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (mg/kg)				5	5	2.5	10	5	5	5	10
Permissible Limit (mg/kg) – Other than Modeling Clay and Finger Paint				90	60	25	1000	75	60	60	500
Permissible Limit (mg/kg) – Modeling clay				90	60	25	250	50	25	25	500
Permissible Limit (mg/kg) – Finger paint				25	10	10	350	15	25	10	50
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
21	1	22	/	ND	ND	ND	ND	ND	ND	ND	ND
22	1	23	/	ND	ND	ND	ND	ND	ND	ND	ND
23	1	24	/	ND	ND	ND	ND	ND	ND	ND	ND
24	1	25	/	ND	ND	ND	ND	ND	ND	ND	ND
25	1	26	/	ND	ND	ND	ND	ND	ND	ND	ND
26	1	27	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. White surfaced cream paper board (Accessory) w/ Multi-color coating on paper (Accessory, instruction)
2. Green plastic (PP) (Body)
3. Red plastic (PP) (Body)
4. Grey plastic (HDPF) (Lid)
5. Orange-yellow plastic (HDPF) (Lid)
6. Brown plastic (LDPE) (Block)
7. Dark brown plastic (PS) (Block, doll)
8. Red plastic (HDPE) (Lid)
9. Transparent plastic sheet (Bucket)
10. Blue plastic (PP) (Box)
11. Transparent plastic (PP) (Box)
12. Black plastic (Block, wheel)
13. Yellow plastic (LDPE) (Block)
14. Green plastic (LDPE) (Block)
15. Red plastic (LDPE) (Block, lid)



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Specimen Description:

16. Blue plastic (Block, lid)
17. Grey plastic (Block)
18. White paper sheet w/ multi-color coating (Instruction)
19. White paper label w/ multi-color coating (Sticker)
20. Transparent plastic film (Accessory)
21. White paper card (Card)
22. Grey plastic (PP) (Wheel)
23. Matt-black plastic (PS) (Block, doll)
24. Apricot plastic (PS) (Block, doll)
25. Orange plastic (LDPE) (Block)
26. Cream plastic (LDPE) (Block)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Result(s) of specimen No.12 - No.19 & No.25 is(are) extracted from report No. T52310271048TY
 - Result(s) of specimen No.20 - No.24 & No.26 is(are) extracted from report No. T52310281964TY

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * Exceed Permissible Limit

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in AS/NZS 8124.3: 2021 and AS/NZS 8124.3: 2003, Clause 7 – Selection of Test Portions
Black coating on plastic (Block, doll)



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AS/NZS ISO 8124.1: 2023– SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN AS/NZS ISO 8124.1: 2023 – SAFETY OF TOYS – PART 1: SAFETY ASPECTS RELATED TO MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

Clause	Description	Result
4	Requirements	
4.1	General	PASS
4.2	Reasonably foreseeable abuse	PASS
4.3	Material	
4.3.1	Material quality (Visual Examination)	PASS
4.3.2	Expanding materials	N/A
4.4	Small parts	
4.4.1	For children under 36 months	PASS
4.4.2	For children 36 months and over but under 72 months	N/A
4.5	Shape, size and strength of certain toys	
4.5.1	Squeeze toys, rattles, fasteners and certain other toys and components of toys	N/A
4.5.2	Small balls	N/A
4.5.3	Pompoms	N/A
4.5.4	Preschool play figures	N/A
4.5.5	Toy pacifiers	N/A
4.5.6	Balloons	N/A
4.5.7	Marbles	N/A
4.5.8	Hemispheric-shaped toys	N/A
4.6	Edges	PASS
4.7	Points	PASS
4.8	Projections	PASS
4.9	Metal wires and rods	N/A
4.10	Plastic film or plastic bags in packaging and in toys	PASS
4.11	Cords	N/A
4.12	Folding mechanism	
4.12.1	Toy pushchairs, perambulators and similar toys	N/A
4.12.2	Other toys with folding mechanisms	N/A
4.12.3	Hinge-line clearance	N/A



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Clause	Description	Result
4.13	Holes, clearances and accessibility of mechanisms	N/A
4.14	Springs	N/A
4.15	Stability and overload requirements	N/A
4.16	Enclosures	N/A
4.17	Items that cover the face and simulated protective equipment	N/A
4.18	Projectile toys	N/A
4.19	Flying toys	N/A
4.20	Aquatic toys	N/A
4.21	Braking	N/A
4.22	Toy Bicycles	N/A
4.23	Speed limitation of electrically driven ride-on toys	N/A
4.24	Toys containing a heat source	N/A
4.25	Liquid-filled toys	N/A
4.26	Mouth-actuated toys	N/A
4.27	Toy roller skates, toy inline skates and toy skateboards	N/A
4.28	Percussion caps specifically designed for use in toys	N/A
4.29	Acoustic requirements	N/A
4.30	Toy scooters	N/A
4.31	Magnets and magnetic components	N/A
4.32	Yo-yo balls	N/A
4.33	Straps intended to be worn fully or partially around the neck	N/A
4.34	Sledges and toboggans with cords for pulling	N/A
4.35	Jaw entrapment in handles and steering wheels	N/A
4.36	Assembly	PASS
4.37	Functional toys	N/A
4.38	Toys intended to come into contact with food	N/A
4.39	Inflatable toys	N/A



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Clause	Description	Result
Annex B	Safety-labeling guidelines and manufacturer's markings	
B.2	Safety-labeling guidelines	
B.2.1	Good practice for visibility and legibility	See Remark
	Remark: The standard has introduced good practice by addressing the following aspects: a) Emphasising the warning b) Contrast, background and colours c) Reflecting surfaces and obscuring material d) Font type e) Font and symbol size f) Logical direction of text	
B.2.2	Age grading	PASS
B.2.3	Toys that are small parts, toys containing small parts and toys with removable small part components	N/A
B.2.4	Balloons	N/A
B.2.5	Small balls and marbles	N/A
B.2.6	Aquatic toys	N/A
B.2.7	Toys intended to come into contact with food	N/A
B.2.8	Toys intended to be assembled by an adult	N/A
B.2.9	Toys intended to be strung across a cradle, cot, perambulator or carriage	N/A
B.2.10	Simulated protective equipment	N/A
B.2.11	Toys with functional sharp edges and functional sharp points	N/A
B.2.12	Functional toys	N/A
B.2.13	Toy roller skates, toy inline skates and toy skateboards	N/A
B.2.14	Toy kites	N/A
B.2.15	Toy bicycles	N/A
B.2.16	Percussion caps	N/A
B.2.17	Toys which produce high peak sound pressure levels	N/A
B.2.18	Toy scooters	N/A
B.2.19	Magnetic or electrical experimental sets for children 8 years and over	N/A
B.2.20	Toys with electrical cables exceeding 300 mm in length	N/A
B.2.21	Cords in toys intended for children 18 months and over but under 36 months	N/A
B.2.22	Sledges and toboggans with cords for pulling	N/A
B.2.23	Toys intended to be attached to a cradle, cot, perambulator or carriage or intended to be suspended over a cot from a wall or ceiling	N/A
B.2.24	Flying toys	N/A



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Clause	Description	Result
B.3	Instructional literature	
B.3.1	Information and Instructions	N/A
B.3.2	Crib, playpen toys and mobiles	N/A
B.3.3	Crib gyms and similar toys	N/A
B.3.4	Toy chests	N/A
B.3.5	Liquid-filled teething and liquid-filled teething toys	N/A
B.3.6	Toys intended to be assembled by an adult	N/A
B.3.7	Projectile toys	N/A
B.3.8	Toy bicycles	N/A
B.3.9	Toy scooters	N/A
B.3.10	Remote-controlled flying toys	N/A
B.4	Manufacturer's Markings	PASS
Annex D	Toy gun marking	N/A
5	Test methods	
5.24	Reasonably foreseeable abuse tests	
5.24.1	General	PASS
5.24.2	Drop test	PASS
5.24.3	Tip-over test for large and bulky toys	N/A
5.24.4	Dynamic strength test for wheeled ride-on toys other than toy scooters	N/A
5.24.5	Torque test	PASS
5.24.6	Tension test	PASS
5.24.7	Compression test	PASS
5.24.8	Flexure test	N/A



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AS/NZS ISO 8124-2: 2023– SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN AS/NZS ISO 8124-2: 2023 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

Clause	Description	Result
4.1	General	PASS
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	N/A
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	N/A
4.2.4	Full or partial moulded head masks	N/A
4.2.5	Toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods and headdresses, including upward-protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and paperboard masks, eye masks, face masks), but excluding those items covered by 4.3	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft-filled toys	N/A

Type of gas: Butane gas used in the test burner



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AS/NZS ISO 8124.3: 2021 – Safety of toys – Part 3 – Migration of Certain Elements

Method: With reference to AS/NZS ISO 8124.3: 2021

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (mg/kg)				5	5	2.5	10	5	5	5	10
Permissible Limit (mg/kg) – Other than Modeling Clay and Finger Paint				90	60	25	1000	75	60	60	500
Permissible Limit (mg/kg) – Modeling clay				90	60	25	250	50	25	25	500
Permissible Limit (mg/kg) – Finger paint				25	10	10	350	15	25	10	50
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
1	2	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	2	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	2	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	2	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	2	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	2	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	2	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	2	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	2	10	/	ND	ND	ND	ND	ND	ND	ND	ND
10	2	11	/	ND	ND	ND	ND	ND	ND	ND	ND
11	2	12	/	ND	ND	ND	ND	ND	ND	ND	ND
12	2	13	/	ND	ND	ND	ND	ND	ND	ND	ND
13	2	14	/	ND	ND	ND	ND	ND	ND	ND	ND
14	2	15	/	ND	ND	ND	ND	ND	ND	ND	ND
15	2	16	/	ND	ND	ND	ND	ND	ND	ND	ND
16	2	17	/	ND	ND	ND	ND	ND	ND	ND	ND
17	2	18	/	ND	ND	ND	ND	ND	ND	ND	ND
18	2	19	/	ND	ND	ND	ND	ND	ND	ND	ND
19	2	20	/	ND	ND	ND	ND	ND	ND	ND	ND
20	2	21	/	ND	ND	ND	ND	ND	ND	ND	ND



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Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (mg/kg)				5	5	2.5	10	5	5	5	10
Permissible Limit (mg/kg) – Other than Modeling Clay and Finger Paint				90	60	25	1000	75	60	60	500
Permissible Limit (mg/kg) – Modeling clay				90	60	25	250	50	25	25	500
Permissible Limit (mg/kg) – Finger paint				25	10	10	350	15	25	10	50
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Soluble Result(s) (mg/kg)							
21	2	22	/	ND	ND	ND	ND	ND	ND	ND	ND
22	2	23	/	ND	ND	ND	ND	ND	ND	ND	ND
23	2	24	/	ND	ND	ND	ND	ND	ND	ND	ND
24	2	25	/	ND	ND	ND	ND	ND	ND	ND	ND
25	2	26	/	ND	ND	ND	ND	ND	ND	ND	ND
26	2	27	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. White surfaced cream paper board (Accessory) w/ Multi-color coating on paper (Accessory, instruction)
2. Green plastic (PP) (Body)
3. Red plastic (PP) (Body)
4. Grey plastic (HDPF) (Lid)
5. Orange-yellow plastic (HDPF) (Lid)
6. Brown plastic (LDPE) (Block)
7. Dark brown plastic (PS) (Block, doll)
8. Red plastic (HDPE) (Lid)
9. Transparent plastic sheet (Bucket)
10. Blue plastic (PP) (Box)
11. Transparent plastic (PP) (Box)
12. Black plastic (Block, wheel)
13. Yellow plastic (LDPE) (Block)
14. Green plastic (LDPE) (Block)
15. Red plastic (LDPE) (Block, lid)



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Test Report

No.: T52410260077TY

Date: MAR 19, 2024

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Specimen Description:

16. Blue plastic (Block, lid)
17. Grey plastic (Block)
18. White paper sheet w/ multi-color coating (Instruction)
19. White paper label w/ multi-color coating (Sticker)
20. Transparent plastic film (Accessory)
21. White paper card (Card)
22. Grey plastic (PP) (Wheel)
23. Matt-black plastic (PS) (Block, doll)
24. Apricot plastic (PS) (Block, doll)
25. Orange plastic (LDPE) (Block)
26. Cream plastic (LDPE) (Block)

- Note:
- mg/kg = milligram per kilogram
 - mg = milligram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Result(s) of specimen No.12 - No.19 & No.25 is(are) extracted from report No. T52310271048TY
 - Result(s) of specimen No.20 - No.24 & No.26 is(are) extracted from report No. T52310281964TY

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * Exceed Permissible Limit

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in AS/NZS ISO 8124.3: 2021, Clause 7 – Selection of Test Portions

Black coating on plastic (Block, doll)



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NEW ZEALAND PRODUCT SAFETY STANDARDS (CHILDREN'S TOYS) REGULATIONS 2005

AS SPECIFIED IN NEW ZEALAND PRODUCT SAFETY STANDARDS (CHILDREN'S TOYS) REGULATIONS 2005

Clause	Description	Result
4	Requirements	
4.1	Normal use	PASS
4.2	Reasonably foreseeable abuse	PASS
4.4	Small parts	
4.4.1	For children under 36 months	PASS
4.5	Shape, size and strength of certain toys	
4.5.1	Squeeze toys, rattles and certain other toys	N/A
4.5.2	Small balls	N/A
4.5.3	Pompoms	N/A
4.5.4	Preschool play figures	N/A
4.5.5	Toy pacifiers	N/A
4.25	Mouth-actuated toys	N/A
5	Test methods	
5.23	Washable toys	N/A
5.24	Reasonably foreseeable abuse tests	PASS
Annex A	Battery-operated toys	
A.2.3	No batteries shall be accessible without the use of a tool or unless at least two independent movements have been applied simultaneously to the battery compartment.	N/A



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New Zealand Unsafe Goods (Lead in children's toys) Indefinite Prohibition Notice 2009

Method: With reference to AS/NZS ISO 8124.3: 2021

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Pb			
MDL (mg/kg)	5			
Permissible Limit (mg/kg)	90			
Specimen Description	Alias No.	Tracing No.	Mass of trace amount (mg)	Soluble Result(s) (mg/kg)
1. White surfaced cream paper board (Accessory) w/ Multi-color coating on paper (Accessory, instruction)	3	1	/	ND
2. Green plastic (PP) (Body)	3	2	/	ND
3. Red plastic (PP) (Body)	3	3	/	ND
4. Grey plastic (HDPF) (Lid)	3	4	/	ND
5. Orange-yellow plastic (HDPF) (Lid)	3	5	/	ND
6. Brown plastic (LDPE) (Block)	3	6	/	ND
7. Dark brown plastic (PS) (Block, doll)	3	7	/	ND
8. Red plastic (HDPE) (Lid)	3	8	/	ND
9. Transparent plastic sheet (Bucket)	3	10	/	ND
10. Blue plastic (PP) (Box)	3	11	/	ND
11. Transparent plastic (PP) (Box)	3	12	/	ND
12. Black plastic (Block, wheel)	3	13	/	ND
13. Yellow plastic (LDPE) (Block)	3	14	/	ND
14. Green plastic (LDPE) (Block)	3	15	/	ND
15. Red plastic (LDPE) (Block, lid)	3	16	/	ND
16. Blue plastic (Block, lid)	3	17	/	ND
17. Grey plastic (Block)	3	18	/	ND
18. White paper sheet w/ multi-color coating (Instruction)	3	19	/	ND
19. White paper label w/ multi-color coating (Sticker)	3	20	/	ND
20. Transparent plastic film (Accessory)	3	21	/	ND



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Test Item(s)	Pb			
MDL (mg/kg)	5			
Permissible Limit (mg/kg)	90			
Specimen Description	Alias No.	Tracing No.	Mass of trace amount (mg)	Soluble Result(s) (mg/kg)
21. White paper card (Card)	3	22	/	ND
22. Grey plastic (PP) (Wheel)	3	23	/	ND
23. Matt-black plastic (PS) (Block, doll)	3	24	/	ND
24. Apricot plastic (PS) (Block, doll)	3	25	/	ND
25. Orange plastic (LDPE) (Block)	3	26	/	ND
26. Cream plastic (LDPE) (Block)	3	27	/	ND

- Note:
- mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Result(s) of specimen No.12 - No.19 & No.25 is(are) extracted from report No. T52310271048TY
 - Result(s) of specimen No.20 - No.24 & No.26 is(are) extracted from report No. T52310281964TY

The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the result table:

- * Exceeds Permissible Limit

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in AS/NZS ISO 8124.3: 2021, Clause 7 – Selection of Test Portions

Black coating on plastic (Block, doll)

Note:
The below note(s) is(are) applicable in case the relevant superscript(s) and symbol(s) was(were) shown in the report:

- N/A = Not Applicable
- SE = Self-Extinguishing
- SE within 50mm = Self-extinguished within 50 mm of flame application
- ** = Visual Examination
- IBE = Ignite But Self-Extinguished
- DNI = Did Not Ignite



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2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$

Sample Picture (As received)

Pic.1



Pic.2



Pic.3



Pic.4



Pic.5



Pic.6



Pic.7



Pic.8



SGS authenticate the photo on original report only

*** End of Report ***



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Shenzhen Branch Testing Center Hardlines

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Appendix

Remark: The photo was submitted by the clients. The test results only related to the tested model and the conclusion was given based on the result tested model.

