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:

Sample Descriptions	:	DUAL TRACK BUILDING SET
Item No.(s)	:	761861
Country of Origin	:	China
Country of Destination	:	Global
Labeled Age Grading	:	1 1/2 - 5Y
Requested Age Grading	:	1.5-5 YEARS

****

SGS Order No	:	SZHL2509003507TY
Age Group Assessed by SGS As Per Age Guideline	:	OVER 18 MONTHS
Age Group Applied in Testing	:	OVER 18 MONTHS
Sample Receiving Date	:	SEP 18, 2025
Further Information Date	:	OCT 20, 2025
Testing Period	:	SEP 18, 2025 TO OCT 29, 2025

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Selected test(s) as requested by the client, please refer to test result page(s) for details:

Test Requested		Conclusion
1	Tracking label per section 14 [15 U.S.C. § 2063], (a)(5)(A) of the Consumer Product Safety Act, and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	PASS
2	For compliance with the test requirement of ASTM F963-23 Standard Consumer Safety Specification on Toy Safety.	--
	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical & Mechanical Test	PASS
	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test	PASS
3	For compliance with test requirement of the Physical & Mechanical, Flammability test requirement of Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A	--
	Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501: -US CPSC 16 CFR 1500.48 – Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of ages -US CPSC 16 CFR 1500.49 – Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age -US CPSC 16 CFR 1501 – Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts	PASS
	US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids	PASS
4	ASTM F963-23, Clause 4.3.5.1 – Soluble Heavy Metal in Paint and Similar Surface-coating Materials	PASS
5	ASTM F963-23, Clause 4.3.5.2 – Soluble Heavy Metal in Substrate Materials	PASS
6	ASTM F963-23, Clause 4.3.5.1 – Total Lead in Paint and Similar Surface-coating Materials	PASS
7	ASTM F963-23, Clause 4.3.5.2 – Total Lead in Substrate Materials	PASS
8	ASTM F963-23, Clause 4.3.8 – Phthalates	PASS

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Test Requested		Conclusion
9	Part 1303, Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A.-Lead in paint/similar surface coating material	PASS
10	CPSIA section 101(f) - Lead in paint/similar surface coating material	PASS
	Client's Requirement - Lead in paint/similar surface coating material	PASS
11	CPSIA section 101(a)(2) - Lead in accessible substrate materials	PASS
	Client's Requirement - Lead in accessible substrate materials	PASS

******** 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

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SZHL250900350704TY
Verification: check.sgsonline.com.cn

Sun Enxu, Aaron
Dept. Manager
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Tang Yanwei, Lynn
Senior Engineer
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Tracking label per section 14 [15 U.S.C. § 2063], (a)(5)(A) of the Consumer Product Safety Act, and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

Clause	Test Item	Result
Section 103	Tracking Label (CPSIA 103)	Pass

Result data:

As specified in tracking label per section 14 [15 U.S.C. § 2063], (a)(5)(A) of the Consumer Product Safety Act, and Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label on the packaging: Present

- Tracking label on the product: Present

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

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ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

AS SPECIFIED IN ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

Clause	Test Item	Result
4	**Safety Requirements**	
4.1	Material Quality	Pass
4.2	Flammability for solids and soft toys	Pass (See result page)
4.2	Flammability for fabrics	NA
4.3	Toxicology	NA
4.3.2	Manufacturing And Packaging Of Food	NA
4.3.4	Cosmetics	NA
4.3.6.3	Cosmetics, Liquids, Pastes, Putties, Gels, Powders, And Items Of Avian Feather Origin	NA
4.3.6.4	Cosmetics, Liquids, Pastes, Putties, Gels And Powders	NA
4.3.7	Stuffing Materials	NA
4.4	Electrical/Thermal Energy	NA
4.5	Sound-producing Toys	Pass
4.6.1	Small Objects	Pass
4.6.2	Mouth-actuated Toys	NA
4.6.3	Labelling Requirements	NA
4.7	Accessible Edges	Pass
4.8	Projections	Pass
4.9	Accessible Points	Pass
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	NA
4.12	Plastic Film	Pass
4.13.1	Folding Mechanisms	NA
4.13.2	Hinge-line Clearance	NA

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Clause	Test Item	Result
4.14	Cords, Straps, And Elastics	NA
4.15	Stability And Over-load Requirements	NA
4.16	Confined Spaces	NA
4.17	Wheels, Tires, And Axles	Pass
4.18	Holes, Clearance, And Accessibility Of Mechanisms	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers And Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-operated Toys	NA
4.25.1	Battery-Operated Toys-Compartment Markings	NA
4.25.1.1	Battery-Operated Toys-Non Replaceable Batteries	NA
4.25.2	Battery-Operated Toys-Max DC Voltage	NA
4.25.3	Battery-Operated Toys-Reversed Batteries	NA
4.25.4	Battery-Operated Toys-Accessible Batteries	NA
4.25.4.1	Battery Accessibility For Toys Intended For Children Less Than 3 Years Old	NA
4.25.4.2	Battery Accessibility_Small Parts	NA
4.25.4.3	Battery Accessibility_Fastener Remain	NA
4.25.4.4	Battery Accessibility_Tool Instruction	NA
4.25.5	Batteries of different types or capacities shall not be mixed within any single electrical circuit	NA
4.25.6	Temperature of the battery surfaces shall not exceed 71℃	NA
4.25.6.1	Toys was operated under normal use condition	NA
4.25.6.2	Toys was operated with accessible moving parts locked	NA
4.25.7	Battery-Operated Toys-Battery Surface Temperature	NA
4.25.7.1	Rechargeable lithium ion or lithium ion polymer batteries operated toys - Surface Temperature(Normal)	NA

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Clause	Test Item	Result
4.25.8	Battery-Operated Toys-Instruction	NA
4.25.9	Battery-Powered Ride-On Toys	NA
4.25.9.1	Maximum temperature measure on the insulation of any conductor	NA
4.25.9.2	Battery-powered Ride-on Toys_Risk Of Fire	NA
4.25.9.3	Battery-powered Ride-on Toys_Nuisance Tripping	NA
4.25.9.4	Battery-Powered Ride-On Toys_Switches	NA
4.25.9.5	User replaceable circuit protection devices in toys	NA
4.25.9.6	Battery-powered Ride-on Toys_Battery And Battery Chargers	NA
4.25.9.7	Wiring connected to the main / motor battery shall be short-circuited and shall not present the risk of fire	NA
4.25.9.8	Battery-powered Ride-on Toys_Strain Relief	NA
4.25.9.9	Battery-powered Ride-on Toys_Safety Labelling, Instructional Literature And Producer's Markings	NA
4.25.10	Toys That Contain Secondary Cells Or Secondary Batteries	NA
4.25.10.1	Toys That Contain Secondary Cells Or Secondary Batteries_Cells With Toys_Attestation	NA
4.25.10.2	Toys That Contain Secondary Cells Or Secondary Batteries_Batteries Standards	NA
4.25.10.3	Toys That Contain Secondary Cells Or Secondary Batteries_Enclosure	NA
4.25.10.4	Toys That Contain Secondary Cells Or Secondary Batteries_Charging	NA
4.25.10.5	Toys That Contain Secondary Cells Or Secondary Batteries_Maximum Charging Or Discharge Current，and cutoff voltage of lithium ion or lithium ion polymer cell(s)	NA
4.25.10.6	Toys That Contain Secondary Cells Or Secondary Batteries_Temperature Rises	NA
4.25.10.7	Test Certificate of Battery chargers or power adaptors, and Correct Polarity of External connectors to chargers and batteries	NA
4.25.10.8	Toys That Contain Secondary Cells Or Secondary Batteries_Short Circuit Protection	NA

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Clause	Test Item	Result
4.26	Toys Intended To Be Attached To A Crib Or Playpen	NA
4.27	Stuffed And Beanbag-type Toys	NA
4.28	Stroller And Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys With Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	Pass
4.35	Pompoms	NA
4.36	Hemispheric-shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	Pass
4.39	Jaw Entrapment In Handles And Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	**Safety Labeling Requirements**	
5.1	Federal Government Requirements	--
5.1.1	Specific Labeling Requirement	See Remark
	(Remark: All toys that fall within the definitions and requirements of the U.S. FHSA shall conform to the labeling requirement of that act. For specific requirements, reference 16 CFR 1500.3, 1500.14, 1500.19, 1500.82, 1500.83, 1500.86, 1500.121, 1500.122, 1500.123, 1500.125, 1500.126, 1500.127, 1500.128, 1500.130, 1505.3, and 1511.7. In addition, state labeling requirements may exist.)	
5.1.2	Tracking Label	Pass
5.2	Age Grading Labeling	Pass
5.3	Safety Labeling Requirements	NA

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Clause	Test Item	Result
5.4	Aquatic Toys	NA
5.5	Crib And Playpen Toys	NA
5.6	Mobiles	NA
5.7	Stroller And Carriage Toys	NA
5.8	Toys Intended To Be Assembled By An Adult	NA
5.9	Simulated Protective Devices	NA
5.10	Toys With Functional Sharp Edges Or Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	NA
5.12	Art Materials	NA
5.13	Electric Toys	NA
5.14	Battery-operated Toys	NA
5.15	Promotional Materials	Pass
5.16	Magnets	NA
6	**Instructional Literature**	
6.2	Crib And Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended To Be Assembled By An Adult	NA
6.5	Battery-operated Toys	NA
6.6	Battery-powered Ride-on Toys	NA
6.7	Toys In Contact With Food	NA
6.8	Toy Chests	NA
6.9	The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies)	NA
7	**Producer's Markings**	
7.1	Producer's Markings	Pass
7.2	Battery-powered Ride-on Toys	NA
7.3	Toy Chests	NA
8	**Test Methods**	
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass

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Clause	Test Item	Result
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.10	Compression Test	NA
8.12	Flexure Test	NA
8.16	Tension Test For Pompoms	NA

Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample	Burning Rate (inch/sec)
See sample description	0.1

*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement:
A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

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Clause	Test Item	Result
☒	PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501	Pass

Result

AS SPECIFIED IN PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

	No. of sample tested	Sharp point (16 CFR 1500.48)	Sharp edge (16 CFR 1500.49)	Small part (16 CFR 1501)
As received	2	Pass	Pass	Pass
Impact test (16 CFR 1500.52b)	1	Pass	Pass	Pass
Bite test (16 CFR 1500.52c)	1	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	0	N/A	N/A	N/A
Torque test (16 CFR 1500.53e)	1	Pass	Pass	Pass
Tension test (16 CFR 1500.52f)	1	Pass	Pass	Pass
Compression test (16 CFR 1500.53g)	0	N/A	N/A	N/A

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US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

Clause	Test Item	Result
☒	Flammability	Pass

Result data:

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

Sample	Burning Rate (inch/sec)
See sample description	0.1

*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement:
A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

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Test Result(s):

Test Part Description：

SN ID	Sample No.	Description
SN1	A1	Pale blue plastic (ABS) (Track)
SN2	A3	White paper label (Sticker)
SN3	A4	Multi-color coating on paper label (Sticker)
SN4	A5	Cream plastic (Block)
SN5	A6	Blue plastic (PP) (Wheel)
SN6	A7	Transparent lacquer w/ red coating on wood (Car)
SN7	A8	Black plastic (Car)
SN8	A9	Dull blue plastic (ABS) (Ball)
SN9	A10	Orange-yellow plastic (ABS) (Ball)
SN10	A11	Light yellow plastic (Base)
SN11	A12	Blue plastic (PE) (Block)
SN12	A13	Green plastic (PE) (Block)
SN13	A14	Red plastic (PE) (Block)
SN14	A15	Yellow plastic (PE) (Block)
SN15	A16	Cream-white plastic (PE) (Block)
SN16	A18	Yellow plastic (Car)
SN17	A19	Transparent plastic (Ball)
SN18	A20	Light yellow plastic (PE) (Block)
SN19	A24	Silvery metal rivet (Wheel)
SN20	A25	Silvery metal axle (Wheel)
SN21	A26	Silvery metal nail (Car)
SN22	A27	White w/ multi-color coating on paper label (Pattern)
SN23	A1+A5	Pale blue plastic (ABS) (Track) + Cream plastic (Block)
SN24	A4+A7/A27	Multi-color coating on paper label (Sticker) + Transparent lacquer w/ red coating on wood (Car) w/ White w/ multi-color coating on paper label (Pattern)
SN25	A6+A3	Blue plastic (PP) (Wheel) + White paper label (Sticker)
SN26	A8+A9+A10	Black plastic (Car) + Dull blue plastic (ABS) (Ball) + Orange-yellow plastic (ABS) (Ball)
SN27	A9/A8+A10	Dull blue plastic (ABS) (Ball) w/ Black plastic (Car) + Orange-yellow plastic (ABS) (Ball)
SN28	A11+A12+A13	Light yellow plastic (Base) + Blue plastic (PE) (Block) + Green plastic (PE) (Block)
SN29	A14+A15+A16	Red plastic (PE) (Block) + Yellow plastic (PE) (Block) + Cream-white plastic (PE) (Block)
SN30	A18+A19+A20	Yellow plastic (Car) + Transparent plastic (Ball) + Light yellow plastic (PE) (Block)

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Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

ASTM F963-23, Clause 4.3.5.1 – Soluble Heavy Metal in Paint and Similar Surface-coating Materials

Test Method: With reference to ASTM F 963-23 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A4	A7
Mass of trace amount	-	mg	-	/	/
Soluble Lead(Pb)	90	mg/kg	5	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND
Conclusion				**Pass**	**Pass**

Remark:
As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for certain migration elements, as specified in ASTM F963-23 Clause 8.3.3.6 (2) – Selection of Test Portions
A27

Notes:
(1) Results shown are of the adjusted analytical results.
(2) ●As received, the test portion of samples from one whole sample are less than 10mg, therefore such components were not tested for certain migration elements, as specified in ASTM F963-23 Clause 8.3.3.6 (2).
(3)♋ De-waxing was applied on test specimen.

ASTM F963-23, Clause 4.3.5.2 – Soluble Heavy Metal in Substrate Materials

Test Method: With reference to ASTM F 963-23 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1	A3	A5
Mass of trace amount	-	mg	-	/	/	/
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND

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Test Item(s)	Limit	Unit(s)	MDL	A1	A3	A5
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A6	A8	A9
Mass of trace amount	-	mg	-	/	/	/
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A10	A11	A12
Mass of trace amount	-	mg	-	/	/	/
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A13	A14	A15
Mass of trace amount	-	mg	-	/	/	/
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A16	A18	A19
Mass of trace amount	-	mg	-	/	/	/

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Test Item(s)	Limit	Unit(s)	MDL	A16	A18	A19
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A20
Mass of trace amount	-	mg	-	/
Soluble Lead(Pb)	90	mg/kg	5	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND
Soluble Selenium(Se)	500	mg/kg	10	ND
Conclusion				**Pass**

Notes:
(1) Results shown are of the adjusted analytical results.
(2) ●As received, the test portion of samples from one whole sample are less than 10mg, therefore such components were not tested for certain migration elements, as specified in ASTM F963-23 Clause 8.3.3.6 (2).
(3)♋ De-waxing was applied on test specimen.

ASTM F963-23, Clause 4.3.5.1 – Total Lead in Paint and Similar Surface-coating Materials

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A4+A7/A27
Lead(Pb)	90	mg/kg	20	ND
Conclusion				**Pass**

ASTM F963-23, Clause 4.3.5.2 – Total Lead in Substrate Materials

Test Method: With reference to CPSC-CH-E1002-08.3. analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1+A5	A6+A3	A8+A9+A10
Lead(Pb)	100	mg/kg	20	ND	ND	ND

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Test Item(s)	Limit	Unit(s)	MDL	A1+A5	A6+A3	A8+A9+A10
Conclusion				**Pass**	**Pass**	**Pass**

Test Item(s)	Limit	Unit(s)	MDL	A11+A12+A13	A14+A15+A16	A18+A19+A20
Lead(Pb)	100	mg/kg	20	27	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A24	A25	A26
Lead(Pb)	100	mg/kg	20	32	ND	ND
Conclusion				**Pass**	**Pass**	**Pass**

ASTM F963-23, Clause 4.3.8 – Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1+A5	A6+A3	A9/A8+A10
Di-butyl Phthalate (DBP)	84-74-2	0.1	%	0.005	ND	ND	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	0.1	%	0.005	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.005	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	0.1	%	0.005	ND	ND	ND
Dipentyl Phthalate (DPENP)	131-18-0	0.1	%	0.005	ND	ND	ND
Dihexyl Phthalate (DHEXP/ DnHP)	84-75-3	0.1	%	0.005	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	0.1	%	0.005	ND	ND	ND
Conclusion					**Pass**	**Pass**	**Pass**

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A11+A12+A13	A14+A15+A16	A18+A19+A20
Di-butyl Phthalate (DBP)	84-74-2	0.1	%	0.005	ND	ND	ND

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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A11+A12 +A13	A14+A15 +A16	A18+A19 +A20
Di-2-Ethyl Hexyl Phthalate (DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	0.1	%	0.005	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.005	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	0.1	%	0.005	ND	ND	ND
Dipentyl Phthalate (DPENP)	131-18-0	0.1	%	0.005	ND	ND	ND
Dihexyl Phthalate (DHEXP/ DnHP)	84-75-3	0.1	%	0.005	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	0.1	%	0.005	ND	ND	ND
Conclusion					**Pass**	**Pass**	**Pass**

Part 1303, Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A.-Lead in paint/similar surface coating material

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A4+A7/A27
Lead(Pb)	0.009	%	0.0020	ND
Conclusion				**Pass**

CPSIA section 101(f) - Lead in paint/similar surface coating material

Test Method: With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Client's Limit	Unit(s)	MDL	A4+A7/A27
Lead(Pb)	90	40	mg/kg	20	ND
Conclusion					**Pass**

CPSIA section 101(a)(2) - Lead in accessible substrate materials

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Client's Limit	Unit(s)	MDL	A1+A5	A6+A3	A8+A9+A 10
Lead(Pb)	100	40	mg/kg	20	ND	ND	ND
Conclusion					**Pass**	**Pass**	**Pass**

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Test Item(s)	Limit	Client's Limit	Unit(s)	MDL	A11+A12 +A13	A14+A15 +A16	A18+A19 +A20
Lead(Pb)	100	40	mg/kg	20	27	ND	ND
Conclusion					**Pass**	**Pass**	**Pass**

Test Method: With reference to CPSC-CH-E1001-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Limit	Client's Limit	Unit(s)	MDL	A24	A25	A26
Lead(Pb)	100	40	mg/kg	20	32	ND	ND
Conclusion					**Pass**	**Pass**	**Pass**

Remark:
Result(s) of specimen No. A12 - No. A16, No. A18 & No. A20 is(are) extracted from report No. T52510301381TY.
Result(s) of specimen No. A19 is(are) extracted from report No. T52510291722TY.

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   N/A(NA) = Not Applicable N/C(NC) = Not Conducted N/T(NT) = Not Tested
   ** = Visual Examination SE = Self-Extinguishing IBE = Ignite But Self-Extinguished
   SE within 50mm = Self-extinguished within 50 mm of flame application DNI = Did Not Ignite
3. Only applicable clauses or requested testing items were shown.
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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Sample Picture (As received)





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