



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: SZHL260300846501TY

Date: APR 27, 2026

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Shantou Qihangxing intelligent Technology Co., Ltd.

No.1, Neidipu Area, Xiadaimei Village, Xinan Town, Chenghai District, 515832 Shantou, Guangdong Sheng, china

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

Sample Descriptions : Electric water gun
 Item No.(s) : T-01, T-02, T-03, T-04, T-05, T-06, T-07, T-08, T-09, T-10, T-11, T-12, T-13, T-14, T-15, T-16, T-17, T-18, T-19, T-20, T-21, T-22, T-23, T-24, T-25, T-26, T-27, T-28, T-29, T-30, T-31, T-32, T-33, T-34, T-35, T-36, T-37, T-38, T-39, T-40, T-41, T-42, T-43, T-44, T-45, T-46, T-47, T-48, T-49, T-50, T-51, T-52, T-53, T-54, T-55, T-56, T-57, T-58, T-59, T-60
 Labeled Age Grading : AGES 6 AND UP
 Requested Age Grading : 6+

SGS Order No : SZHL2603008465TY
 Age Group Assessed by SGS As Per Age Guideline : OVER 3 YEARS
 Age Group Applied in Testing : OVER 3 YEARS
 Sample Receiving Date : MAR 16, 2026
 Last Submission Sample Date : APR 24, 2026
 Testing Period : MAR 16, 2026 TO APR 27, 2026



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Member of the SGS Group (SGS SA)

Test Requested		Conclusion
1	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 - Battery-operated Toys	PASS
2	For compliance with the test requirement of ASTM F963-23 Standard Consumer Safety Specification on Toy Safety. (Except USB cable)	--
	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 (Except USB cable)	--
	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	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
5	ASTM F963-23, Clause 4.3.5.1 – Soluble Heavy Metal in Paint and Similar Surface-coating Materials	PASS



	Test Requested	Conclusion
6	ASTM F963-23, Clause 4.3.5.2 – Soluble Heavy Metal in Substrate Materials	PASS
7	ASTM F963-23, Clause 4.3.5.1 – Total Lead in Paint and Similar Surface-coating Materials	PASS
8	ASTM F963-23, Clause 4.3.5.2 – Total Lead in Substrate Materials	PASS
9	ASTM F963-23, Clause 4.3.8 – Phthalates	PASS
10	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
11	15 U.S.C. § 1278a and CPSIA section 101(f) - Lead in paint/similar surface coating material	PASS
12	15 U.S.C. § 1278a and CPSIA section 101(a)(2) - Lead in accessible substrate materials	PASS
13	CONSUMER PRODUCT SAFETY COMMISSION-16 CFR Part 1307, Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified Phthalates	PASS



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Test Requested		Conclusion
14	US California Proposition 65 - Lead	PASS
15	US California Proposition 65- Phthalate	PASS

Remark : #The result indicated was based on re-testing on new sample submitted by applicant.

***** 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





Liu Ming, Nathan
Senior Engineer
CNAS Approved Signatory

Jia Fengjuan, Shelly
Dept. Manager
CNAS Approved Signatory



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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	NA
4.6.2	Mouth-actuated Toys	NA
4.6.3	Labelling Requirements	NA (See remark)
	Remark: The toy does not contain as-received small part.	
4.7	Accessible Edges	Pass
4.8	Projections	NA
4.9	Accessible Points	Pass
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	Pass
4.12	Plastic Film	NA
4.13.1	Folding Mechanisms	NA



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Clause	Test Item	Result
4.13.2	Hinge-line Clearance	NA (See remark)
	(Remark: Not applicable because of the weight of movable part link with hinge is less than 0.5lb.)	
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	NA
4.18	Holes, Clearance, And Accessibility Of Mechanisms	Pass
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	Pass
4.25.1	(Rechargeable battery)	
4.25.1.1	Battery-Operated Toys-Compartment Markings	NA
4.25.2	Battery-Operated Toys-Non Replaceable Batteries	NA
4.25.3	Battery-Operated Toys-Max DC Voltage	Pass
4.25.4	Battery-Operated Toys-Reversed Batteries	Pass
4.25.4.1	Battery-Operated Toys-Accessible Batteries	Pass
4.25.4.2	Battery Accessibility For Toys Intended For Children Less Than 3 Years Old	NA
4.25.4.3	Battery Accessibility_Small Parts	NA
4.25.4.4	Battery Accessibility_Fastener Remain	Pass
4.25.5	Battery Accessibility_Tool Instruction	NA
4.25.6	Batteries of different types or capacities shall not be mixed within any single electrical circuit	NA



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Clause	Test Item	Result
4.25.6.1	Temperature of the battery surfaces shall not exceed 71°C	Pass
4.25.6.2	Toys was operated under normal use condition	Pass
4.25.7	Battery-Operated Toys-Battery Surface Temperature	Pass
4.25.7.1	Rechargeable lithium ion or lithium ion polymer batteries operated toys - Surface Temperature(Normal)	Pass
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	Pass
4.25.10.1	Toys That Contain Secondary Cells Or Secondary Batteries_Cells With Toys_Attestation	Pass
4.25.10.2	Toys That Contain Secondary Cells Or Secondary Batteries_Batteries Standards	Pass
4.25.10.3	Toys That Contain Secondary Cells Or Secondary Batteries_Enclosure	Pass
4.25.10.4	Toys That Contain Secondary Cells Or Secondary Batteries_Charging	Pass
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)	Pass



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Clause	Test Item	Result
4.25.10.6	Toys That Contain Secondary Cells Or Secondary Batteries_Temperature Rises	Pass
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	Pass
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	Pass#
4.31	Balloons	NA
4.32	Certain Toys With Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
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,	



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Clause	Test Item	Result
	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
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



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Clause	Test Item	Result
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
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.10	Compression Test	Pass
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	0.03

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
US CPSC 16 CFR 1500.48 US CPSC 16 CFR 1500.49 US CPSC 16 CFR 1501	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	14	Pass	Pass	N/A
Impact test (16 CFR 1500.53b)	14	Pass	Pass	N/A
Bite test (16 CFR 1500.52c)	0	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)	14	Pass	Pass	N/A
Tension test (16 CFR 1500.52f)	14	Pass	Pass	N/A
Compression test (16 CFR 1500.53g)	14	Pass	Pass	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
US CPSC 16 CFR 1500.44	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	0.03

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.

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.



Test Result(s):

Test Part Description:

SN ID	Sample No.	Description
SN1	A1	Pearl silvery plastic (Gun)
SN2	A2	Pearl matte silvery plastic (Gun)
SN3	A3	Blue plastic (Gun)
SN4	A4	Transparent black plastic (Gun)
SN5	A5	Black plastic (Gun)
SN6	A6	Transparent grey-black plastic (Bottle)
SN7	A7	Pearl dark silvery plastic (Gun)
SN8	A8	Transparent white soft plastic (Cover, ring)
SN9	A9	Transparent soft plastic (Tube)
SN10	A10	White foam sheet (Washer)
SN11	A11	Yellow plastic (Gun)
SN12	A12	Red plastic (Gun)
SN13	A13	Bright red plastic (Gun)
SN14	A14	Dull grey plastic (Gun)
SN15	A15	Transparent light black plastic (Gun)
SN16	A16	Cream-white plastic (Gun)
SN17	A17	Transparent red plastic (Plug)
SN18	A18	Matte red plastic (Socket)
SN19	A19	Orange-yellow plastic (Gun)
SN20	A20	Bright orange-yellow plastic (Gun)
SN21	A21	Matte black plastic (Gun)
SN22	A22	Dark yellow plastic (Gun)
SN23	A23	Bright dark yellow plastic (Gun)
SN24	A24	White plastic (Gun)
SN25	A25	Translucent black plastic (Gun)
SN26	A26	Transparent plastic (Gun)
SN27	A27	Bright white plastic (Gun)
SN28	A28	Green plastic (Gun)
SN29	A29	Blue plastic (Gun)
SN30	A30	Chocolate plastic (Gun)
SN31	A31	Grey plastic (Gun)
SN32	A32	Matte grey plastic (Gun)
SN33	A33	Bright green plastic (Gun)
SN34	A34	Matte dark yellow plastic (Gun)
SN35	A35	Bright chocolate plastic (Gun)
SN36	A36	Translucent bright black plastic (Gun)
SN37	A37	Translucent orange plastic (Gun)
SN38	A38	Orange plastic (Gun)
SN39	A39	Black coating on plastic (Gun)
SN40	A40	White coating on plastic (Gun)



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SN ID	Sample No.	Description
SN41	A41	Red coating on plastic (Gun)
SN42	A42	Silvery metal plug (Gun)
SN43	A43	Silvery metal screw
SN44	A39/A40/A41	Black coating on plastic (Gun) w/ White coating on plastic (Gun) w/ Red coating on plastic (Gun)
SN45	A1+A2+A3	Pearl silvery plastic (Gun) + Pearl matte silvery plastic (Gun) + Blue plastic (Gun)
SN46	A4+A5+A6	Transparent black plastic (Gun) + Black plastic (Gun) + Transparent grey-black plastic (Bottle)
SN47	A7+A11+A12	Pearl dark silvery plastic (Gun) + Yellow plastic (Gun) + Red plastic (Gun)
SN48	A8+A9+A10	Transparent white soft plastic (Cover, ring) + Transparent soft plastic (Tube) + White foam sheet (Washer)
SN49	A13+A14+A15	Bright red plastic (Gun) + Dull grey plastic (Gun) + Transparent light black plastic (Gun)
SN50	A16+A17+A18	Cream-white plastic (Gun) + Transparent red plastic (Plug) + Matte red plastic (Socket)
SN51	A19+A20+A21	Orange-yellow plastic (Gun) + Bright orange-yellow plastic (Gun) + Matte black plastic (Gun)
SN52	A22+A23+A24	Dark yellow plastic (Gun) + Bright dark yellow plastic (Gun) + White plastic (Gun)
SN53	A25+A26+A27	Translucent black plastic (Gun) + Transparent plastic (Gun) + Bright white plastic (Gun)
SN54	A28+A29+A30	Green plastic (Gun) + Blue plastic (Gun) + Chocolate plastic (Gun)
SN55	A31+A32+A33	Grey plastic (Gun) + Matte grey plastic (Gun) + Bright green plastic (Gun)
SN56	A34+A35+A36	Matte dark yellow plastic (Gun) + Bright chocolate plastic (Gun) + Translucent bright black plastic (Gun)
SN57	A37+A38	Translucent orange plastic (Gun) + Orange plastic (Gun)
SN58	A80+A81	Transparent bright red plastic (USB) + Matte red plastic (USB)
SN59	A82+A83+A86	Matte white soft plastic (USB) + White soft plastic (Cable jacket) + Black soft plastic w/ white printing (Cable jacket)

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	A39
Mass of trace amount	-	mg	-	/
Soluble Lead(Pb)	90	mg/kg	5	ND



Test Item(s)	Limit	Unit(s)	MDL	A39
Soluble Antimony(Sb)	60	mg/kg	5	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND
Soluble Barium(Ba)	1000	mg/kg	10	24
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

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 A40, A41

Notes:

- Results shown are of the adjusted analytical results.
- 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).
- ☞ 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	A2	A3
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	A4	A5	A6
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	A4	A5	A6
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	A7	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	A17	A18
Mass of trace amount	-	mg	-	48.4	29.8	/



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Test Item(s)	Limit	Unit(s)	MDL	A16	A17	A18
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	A19	A20	A21
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	A22	A23	A24
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	A25	A26	A27
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



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Test Item(s)	Limit	Unit(s)	MDL	A25	A26	A27
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A28	A29	A30
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	A31	A32	A33
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	A34	A35	A36
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	A37	A38
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



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Test Item(s)	Limit	Unit(s)	MDL	A37	A38
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

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	A39/A40/A41
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+A2+A3	A4+A5+A6	A7+A11+A12
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A8+A9+A10	A13+A14+A15	A16+A17+A18
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A19+A20+A21	A22+A23+A24	A25+A26+A27
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A28+A29+A30	A31+A32+A33	A34+A35+A36
Lead(Pb)	100	mg/kg	20	ND	ND	ND



Test Item(s)	Limit	Unit(s)	MDL	A28+A29 +A30	A31+A32 +A33	A34+A35 +A36
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A37+A38
Lead(Pb)	100	mg/kg	20	ND
Conclusion				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	A42	A43
Lead(Pb)	100	mg/kg	20	ND	ND
Conclusion				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	A39/A40/ A41	A1+A2+A 3	A4+A5+A 6
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	A7+A11+ A12	A8+A9+A 10	A13+A14 +A15
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	A7+A11+A12	A8+A9+A10	A13+A14+A15
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	A16+A17+A18	A19+A20+A21	A22+A23+A24
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	A25+A26+A27	A28+A29+A30	A31+A32+A33
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



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A25+A26 +A27	A28+A29 +A30	A31+A32 +A33
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	A34+A35 +A36	A37+A38
Di-butyl Phthalate (DBP)	84-74-2	0.1	%	0.005	ND	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	117-81-7	0.1	%	0.005	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	0.1	%	0.005	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.005	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	0.1	%	0.005	ND	ND
Dipentyl Phthalate (DPENP)	131-18-0	0.1	%	0.005	ND	ND
Dihexyl Phthalate (DHEXP/ DnHP)	84-75-3	0.1	%	0.005	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	0.1	%	0.005	ND	ND
Conclusion					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	A39/A40/A41
Lead(Pb)	0.009	%	0.0020	ND



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Test Item(s)	Limit	Unit(s)	MDL	A39/A40/A41
Conclusion				Pass

15 U.S.C. § 1278a and 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	Unit(s)	MDL	A39/A40/A41
Lead (Pb)	90	mg/kg	20	ND
Conclusion				Pass

15 U.S.C. § 1278a and 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	Unit(s)	MDL	A1+A2+A3	A4+A5+A6	A7+A11+A12
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A8+A9+A10	A13+A14+A15	A16+A17+A18
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A19+A20+A21	A22+A23+A24	A25+A26+A27
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A28+A29+A30	A31+A32+A33	A34+A35+A36
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A37+A38	A80+A81	A82+A83+A86
Lead (Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass



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

Test Item(s)	Limit	Unit(s)	MDL	A42	A43
Lead (Pb)	100	mg/kg	20	ND	ND
Conclusion				Pass	Pass

CONSUMER PRODUCT SAFETY COMMISSION-16 CFR Part 1307, Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified 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	A39/A40/ A41	A1+A2+A 3	A4+A5+A 6
Benzyl Butyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND	ND	ND
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND	ND	ND
Dicyclohexyl Phthalates (DCHP)	84-61-7	1000	mg/kg	50	ND	ND	ND
Di(2-ethyl hexyl) Phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND	ND	ND
Di-n-hexyl Phthalates (DHEXP/ DnHP)	84-75-3	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	84-69-5	1000	mg/kg	50	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	1000	mg/kg	50	ND	ND	ND
Dipentyl Phthalates (DPENP)	131-18-0	1000	mg/kg	50	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A7+A11+ A12	A8+A9+A 10	A13+A14 +A15
Benzyl Butyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND	ND	ND
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND	ND	ND
Dicyclohexyl Phthalates (DCHP)	84-61-7	1000	mg/kg	50	ND	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A7+A11+A12	A8+A9+A10	A13+A14+A15
Di(2-ethyl hexyl) Phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND	ND	ND
Di-n-hexyl Phthalates (DHEXP/ DnHP)	84-75-3	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	84-69-5	1000	mg/kg	50	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	1000	mg/kg	50	ND	ND	ND
Dipentyl Phthalates (DPENP)	131-18-0	1000	mg/kg	50	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A16+A17+A18	A19+A20+A21	A22+A23+A24
Benzyl Butyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND	ND	ND
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND	ND	ND
Dicyclohexyl Phthalates (DCHP)	84-61-7	1000	mg/kg	50	ND	ND	ND
Di(2-ethyl hexyl) Phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND	ND	ND
Di-n-hexyl Phthalates (DHEXP/ DnHP)	84-75-3	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	84-69-5	1000	mg/kg	50	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	1000	mg/kg	50	ND	ND	ND
Dipentyl Phthalates (DPENP)	131-18-0	1000	mg/kg	50	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A25+A26+A27	A28+A29+A30	A31+A32+A33
Benzyl Butyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND	ND	ND
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A25+A26 +A27	A28+A29 +A30	A31+A32 +A33
Dicyclohexyl Phthalates (DCHP)	84-61-7	1000	mg/kg	50	ND	ND	ND
Di(2-ethyl hexyl) Phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND	ND	ND
Di-n-hexyl Phthalates (DHEXP/ DnHP)	84-75-3	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	84-69-5	1000	mg/kg	50	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	1000	mg/kg	50	ND	ND	ND
Dipentyl Phthalates (DPENP)	131-18-0	1000	mg/kg	50	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A34+A35 +A36	A37+A38
Benzyl Butyl Phthalate (BBP)	85-68-7	1000	mg/kg	50	ND	ND
Dibutyl Phthalate (DBP)	84-74-2	1000	mg/kg	50	ND	ND
Dicyclohexyl Phthalates (DCHP)	84-61-7	1000	mg/kg	50	ND	ND
Di(2-ethyl hexyl) Phthalate (DEHP)	117-81-7	1000	mg/kg	50	ND	ND
Di-n-hexyl Phthalates (DHEXP/ DnHP)	84-75-3	1000	mg/kg	50	ND	ND
Diisobutyl Phthalates (DIBP)	84-69-5	1000	mg/kg	50	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	1000	mg/kg	50	ND	ND
Dipentyl Phthalates (DPENP)	131-18-0	1000	mg/kg	50	ND	ND
Conclusion					Pass	Pass



US California Proposition 65 - Lead

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

Test Item(s)	Limit	Unit(s)	MDL	A42	A43
Lead(Pb)	100	mg/kg	20	ND	ND
Conclusion				Pass	Pass

Notes:

- (1) The limit is referenced to the requirement as stated in County of ACSC Case no. RG-07-356892 and Public Law (Consumer Product Safety Improvement Act of 2008, CPSIA).
 - (2) The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.
- A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

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+A2+A3	A4+A5+A6	A7+A11+A12
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A8+A9+A10	A13+A14+A15	A16+A17+A18
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A19+A20+A21	A22+A23+A24	A25+A26+A27
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A28+A29+A30	A31+A32+A33	A34+A35+A36
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A37+A38	A80+A81	A82+A83+A86
Lead(Pb)	100	mg/kg	20	ND	ND	ND
Conclusion				Pass	Pass	Pass



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Notes:

(1) The limit is referenced to the requirement as stated in County of ACSC Case no. RG-07-356892 and Public Law (Consumer Product Safety Improvement Act of 2008, CPSIA).

(2) The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

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

Test Item(s)	Limit	Unit(s)	MDL	A39/A40/A41
Lead(Pb)	90	mg/kg	20	ND
Conclusion				Pass

Notes:

(1) The limit is referenced to the requirement as stated in County of ACSC Case no. RG-07-356892 and Public Law (Consumer Product Safety Improvement Act of 2008, CPSIA).

(2) The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

US California Proposition 65- Phthalate

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	A39/A40/A41	A1+A2+A3	A4+A5+A6
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
Dibutyl Phthalate(DBP)	84-74-2	0.1	%	0.005	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.005	ND	ND	ND
Di-n-Hexyl Phthalate(DnHP)	84-75-3	0.1	%	0.005	ND	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A39/A40/A41	A1+A2+A3	A4+A5+A6
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A7+A11+A12	A8+A9+A10	A13+A14+A15
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
Dibutyl Phthalate(DBP)	84-74-2	0.1	%	0.005	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.005	ND	ND	ND
Di-n-Hexyl Phthalate(DnHP)	84-75-3	0.1	%	0.005	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A16+A17+A18	A19+A20+A21	A22+A23+A24
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
Dibutyl Phthalate(DBP)	84-74-2	0.1	%	0.005	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.005	ND	ND	ND
Di-n-Hexyl Phthalate(DnHP)	84-75-3	0.1	%	0.005	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A25+A26+A27	A28+A29+A30	A31+A32+A33
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
Dibutyl 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	A25+A26 +A27	A28+A29 +A30	A31+A32 +A33
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.005	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.005	ND	ND	ND
Di-n-Hexyl Phthalate(DnHP)	84-75-3	0.1	%	0.005	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A34+A35 +A36	A37+A38
Benzyl Butyl Phthalate(BBP)	85-68-7	0.1	%	0.005	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	0.1	%	0.005	ND	ND
Dibutyl Phthalate(DBP)	84-74-2	0.1	%	0.005	ND	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	0.1	%	0.005	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	0.1	%	0.005	ND	ND
Di-n-Hexyl Phthalate(DnHP)	84-75-3	0.1	%	0.005	ND	ND
Conclusion					Pass	Pass

Notes:

- (1) The limit is referenced to the requirement as stated in ACSC Case No.BG07350969 (May 08).
- (2) The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

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Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.

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

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.

Sample Picture (As received)



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