

HAPE INTERNATIONAL (NINGBO) LTD HAPPY ARTS&CRAFTS (NINGBO) CO., LTD 9-27NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA EXPERIMENT STARTER KIT/ DELUXE EXPERIMENT KIT/ MAGNET SCIENCE LAB/ OPTICAL SCIENCE LAB/ SCIENTIFIC Sample Description TOOL BELT/ 3-1 N&D SCIENCE TOOL BOX Sample Quantity 18 SETS E3031/ E3032/ E3033/ E3034/ E3035/ E8607 Style / Item No. • Country of Origin CHINA : Country of Destination GLOBAL :

Date: SEP 01, 2021

E3031, E3032, E3033, E3034, E3035: 4Y+, E8607: 6+

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No.: SHHL2108043751TY

Labeled Age Grading

		E3034: 4Y+
		E3035: 4Y+
Requested Age Grading		E8607: 3Y+
Client reference information	:	E3031A/ E3032A/ E3033A/ E3034A/ E3035A/ E8607A
Age Group Assessed as Per Age Guideline	:	3+ YEARS
Age Group Applied in Testing	:	3+ YEARS
Sample Receiving Date	:	AUG 16, 2021
Further Information Date	:	SEP 01, 2021
Testing Period	:	AUG 16, 2021 TO SEP 01, 2021

E3031: 4Y+

E3032: 4Y+ E3033: 4Y+

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Test Requested	<u>Result</u>
ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	Pass
Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501	Pass
US CPSC 16 CFR 1500.19 – Misbranded toys and other articles intended for use by children	Not Applicable
US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids	Pass





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Tracking label per Cons 103 tracking labels for c	sumer Product Safety Improveme children's products.	ent Act (CPSIA) of 2008 section	<u>Pass</u>	
Lead (Pb)			Pass	
	le of Federal Regulations, Chapt J.S.A. requirement-Lead	er II – Consumer Products	Pass	
CPSIA section 101(f) - I	Lead in paint/similar surface coat	ing material	Pass	
CPSIA section 101(a)(2	e) - 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 (Shanghai) Co., Ltd.



Jessie Zhou Authorized Signatory



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Test Report No.

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Result:

ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	Description	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	Pass
4.2	Flammability Test	Pass (See Detail of test result)
4.3	Toxicology	
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	Pass (See Detail of test result)
	4.3.5.2 Heavy Metal in Substrate Materials	<u>Pass (See Detail of</u> <u>test result)</u>
4.5	Sound-Producing Toys	Pass
4.6.3	Labelling Requirements	<u>Pass</u>
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
4.11	Nails and Fasteners	Pass
4.12	Plastic Film	Pass
4.18	Holes, Clearance & Accessibility of Mechanisms	Pass
4.25	Battery-Operated Toys	Pass
4.38	Magnets	Pass
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.3	Safety Labeling Requirements	Pass
5.11	Small Objects, Small Balls, Marbles, and Balloons	<u>Pass</u>
5.16	Promotional Materials	Pass
6.5	Battery-Operated Toys	Pass
7	Producer's Markings	
7.1	Producer's Markings	Pass
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	Pass
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>





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Pass

8.10 Compression Test

** Visual Examination

Detail of test result:

ASTM F963-17, Clause 4.2 – Flammability Test Flammability Test on Solid

> Sample GAME SETS

Burning Rate (inch/sec) 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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PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 **AND US CPSC 16 CFR 1501**

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

	<u>No. of</u>			
	<u>sample</u>	Sharp point	Sharp edge	Small part
	tested	<u>(16 CFR 1500.48)</u>	(16 CFR 1500.49)	<u>(16 CFR 1501)</u>
As received	6	Pass	Pass	N/A
Impact test (16 CFR 1500.53b)	6	Pass	Pass	N/A
Bite test (16 CFR 1500.53c)	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)	6	Pass	Pass	N/A
Tension test (16 CFR 1500.53f)	6	Pass	Pass	N/A
Compression test (16 CFR 1500.53g)	6	Pass	Pass	N/A

N/A = Not Applicable

US CPSC 16 CFR 1500.19 - MISBRANDED TOYS AND OTHER ARTICLES INTENDED FOR USE BY **CHILDREN** Not Applicable

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

> Sample GAME SETS

Burning Rate (inch/sec) 0.03

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



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TRACKING LABEL PER CONSUMER PRODUCT SAFETY IMPROVEMENT ACT (CPSIA) OF 2008 SECTION 103 TRACKING LABELS FOR CHILDREN'S PRODUCTS.

Notes:

Note 1: As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

E3032

E3035

Horizon Group USA Inc

Horizon Group USA Inc

Lot # P2122400938NBCN

Date of Manufacture: 05/2021

Shanghai, China

Lot # P2122400505NBCN

Date of Manufacture: 04/2021

- Tracking label found on the packaging:

E3031 Horizon Group USA Inc Lot # P2122400045NBCN Date of Manufacture: 03/2021 Shanghai, China

E3034 Horizon Group USA Inc Lot # P2122400805NBCN Date of Manufacture: 05/2021 Shanghai, China

- Tracking label found on the surface of the product:

E3031 Horizon Group USA Inc Lot # P2122400045NBCN Date of Manufacture: 03/2021 Shanghai, China

E3034 Horizon Group USA Inc Lot # P2122400805NBCN Date of Manufacture: 05/2021 Shanghai, China Shanghai, China f the product: E3032 Horizon Group USA Inc Lot # P2122400505NBCN Date of Manufacture: 04/2021

E3035 Horizon Group USA Inc Lot # P2122400938NBCN Date of Manufacture: 05/2021 Shanghai, China E3033 Horizon Group USA Inc Lot # P2122400137NBCN Date of Manufacture: 04/2021 Shanghai, China

E8607 Horizon Group USA Inc Lot # P2122020623NBCN Date of Manufacture: 08/2021 Shanghai, China

E3033 Horizon Group USA Inc Lot # P2122400137NBCN Date of Manufacture: 04/2021 Shanghai, China

E8607 Horizon Group USA Inc Lot # P2122020623NBCN Date of Manufacture: 08/2021 Shanghai, China

Note 2: 1) 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.

 City and State, or administrative state shall be also provided for the source (location) information.

Shanghai, China



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA21-178238.001	Natural color wood
SN2	SHA21-178238.002	Natural color plywood
SN3	SHA21-178238.003	Orange coating
SN4	SHA21-178238.004	Dk.Blue coating
SN5	SHA21-178238.005	Transparent coating
SN6	SHA21-178238.006	Black coating
SN7	SHA21-178238.007	White coating
SN8	SHA21-178238.008	Grey coating
SN9	SHA21-178238.009	Silvery coating
SN10	SHA21-178238.010	Orange PA
SN11	SHA21-178238.011	Yellow TPE
SN12	SHA21-178238.012	Gray PP
SN13	SHA21-178238.013	Yellow ABS
SN14	SHA21-178238.014	Black PA
SN15	SHA21-178238.015	Black ABS
SN16	SHA21-178238.016	Silvery PA
SN17	SHA21-178238.017	Red silicone rubber
SN18	SHA21-178238.018	Colorful paper card with plastic film
SN19	SHA21-178238.019	Dk.Grey PET
SN20	SHA21-178238.020	Blue PET
SN21	SHA21-178238.021	Red PET
SN22	SHA21-178238.022	Translucent PP
SN23	SHA21-178238.023	Transparent ABS
SN24	SHA21-178238.024	Silvery PETG
SN25	SHA21-178238.025	White ABS
SN26	SHA21-178238.026	Red ABS
SN27	SHA21-178238.027	Black PE
SN28	SHA21-178238.028	Black PP
SN29	SHA21-178238.029	Orange elastic band
SN30	SHA21-178238.030	Orange fabric
SN31	SHA21-178238.031	Grey fabric





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SN32	SHA21-178238.032	Orange webbing
SN33	SHA21-178238.033	White rope

Remarks :

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

American Society for Testing and Materials - ASTM F 963-17 - total Lead in Substrate Materials

Test Method : With reference to CPSC-CH-E1002-08.3. Analysis was performed by AAS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>010</u>	<u>011</u>	<u>012</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>013</u>	<u>014</u>	<u>015</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>016</u>	<u>017</u>	<u>018</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>019</u>	<u>020</u>	<u>021</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>022</u>	<u>023</u>	<u>024</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>025</u>	<u>026</u>	<u>027</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>028</u>	<u>029</u>	
Total Lead (Pb)	100	mg/kg	20	ND	ND	



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Lead (Pb)

Test Method : With reference to US EPA 3052:1996, analysis was performed by ICP-OES.

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	<u>MDL</u> 2	<u>003</u> ND PASS	<u>004</u> ND PASS	<u>005</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	<u>MDL</u> 2	<u>006</u> ND PASS	<u>007</u> ND PASS	<u>008</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>009</u> ND PASS	<u>010</u> ND PASS	<u>011</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>012</u> ND PASS	<u>013</u> ND PASS	<u>014</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>015</u> ND PASS	<u>016</u> ND PASS	<u>017</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>018</u> ND PASS	<u>019</u> ND PASS	<u>020</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>021</u> ND PASS	<u>022</u> ND PASS	<u>023</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>024</u> ND PASS	<u>025</u> ND PASS	<u>026</u> ND PASS



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>027</u>	<u>028</u>	<u>029</u>	
Lead (Pb)	40	mg/kg	2	ND	ND	ND	
Conclusion				PASS	PASS	PASS	

Notes :

The maximum permissible limit is quoted from the client requirement.

<u>American Society for Testing and Materials – ASTM F 963-17– total Lead in paint and similar</u> <u>surface-coating materials</u>

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

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>003</u>	<u>004</u>	<u>005</u>
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u> Total Lead (Pb)	<u>Limit</u> 90	<u>Unit</u> mg/kg	<u>MDL</u> 20	<u>006</u> ND	<u>007</u> ND	<u>008</u> ND
<u>Test Item(s)</u> Total Lead (Pb)	<u>Limit</u> 90	<u>Unit</u> mg/kg	<u>MDL</u> 20	<u>009</u> ND		

Part 1303, Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A. requirement-Lead

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

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>003</u> ND PASS	<u>004</u> ND PASS	<u>005</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>006</u> ND PASS	<u>007</u> ND PASS	<u>008</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>009</u> ND PASS		





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<u>American Society for Testing and Materials – ASTM F 963-17 – soluble Heavy Metal for paint and similar</u> <u>surface-coating materials/ Substrate Materials</u>

Test Method : With reference to ASTM F 963-17 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
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	-
Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Soluble Lead (Pb)	90	mg/kg	5	-	-	-
Soluble Antimony (Sb)	60	mg/kg	5	-	-	-
Soluble Arsenic (As)	25	mg/kg	2.5	-	-	-
Soluble Barium (Ba)	1000	mg/kg	10	-	-	-
Soluble Cadmium (Cd)	75	mg/kg	5	-	-	-
Soluble Chromium (Cr)	60	mg/kg	5	-	-	-
Soluble Mercury (Hg)	60	mg/kg	5	-	-	-
Soluble Selenium (Se)	500	mg/kg	10	-	-	-
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>007</u>	<u>008</u>	<u>009</u>
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	-



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>010</u>	<u>011</u>	<u>012</u>
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
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>013</u>	<u>014</u>	<u>015</u>
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
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>016</u>	<u>017</u>	<u>018</u>
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
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>019</u>	<u>020</u>	<u>021</u>
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



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Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND
Test Item(s)	Limit	<u>Unit</u>	MDL	<u>022</u>	<u>023</u>	<u>024</u>
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
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>025</u>	<u>026</u>	<u>027</u>
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
Test Item(s)	Limit	<u>Unit</u>	MDL	<u>028</u>	<u>029</u>	<u>030</u>
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
Test Item(s)	Limit	<u>Unit</u>	MDL	<u>031</u>	<u>032</u>	<u>033</u>
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
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1000	mg/kg	10	ND	ND	ND	
75	mg/kg	5	ND	ND	ND	
60	mg/kg	5	ND	ND	ND	
60	mg/kg	5	ND	ND	ND	
500	mg/kg	10	ND	ND	ND	
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Notes :

(1) Results shown are of the adjusted analytical results

(2) Mass of trace amount of sample 008 is 31.7mg, sample 019 is 57.2mg, sample 020 is 81.7mg, sample 021 is 81.7mg, sample 022 is 76.0mg, sample 024 is 68.8mg, sample 027 is 39.4mg, sample 028 is 83.0mg.

(3) As received, the test portion of samples 003-007, 009 from one whole sample are less than 10mg, therefore such components were not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions

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

Test Method : CPSC Test Method: CPSC-CH-E1003-09.1 'Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings'

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>003</u>	<u>004</u>	<u>005</u>
Lead (Pb)	0.009	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS
Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>006</u>	<u>007</u>	<u>008</u>
Lead (Pb)	0.009	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS
Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>009</u>		
Lead (Pb)	0.009	%	0.002	ND		
Conclusion				PASS		



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

Test Method : CPSC Test Method: CPSC-CH-E1002-08.3 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product'

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>010</u> ND PASS	<u>011</u> ND PASS	<u>012</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>013</u> ND PASS	<u>014</u> ND PASS	<u>015</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>016</u> ND PASS	<u>017</u> ND PASS	<u>018</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>019</u> ND PASS	<u>020</u> ND PASS	<u>021</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>022</u> ND PASS	<u>023</u> ND PASS	<u>024</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>025</u> ND PASS	<u>026</u> ND PASS	<u>027</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>028</u> ND PASS	<u>029</u> ND PASS	



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