

Date: DEC 14, 2021

Page 1 of 17

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

Sample Description	:	HAPPY FAMILY - CAUCASIAN/ HAP AMERICAN/ HAPPY FAMILY - ASIAI				
Sample Quantity	:	18 SETS				
Style / Item No.	:	E3500/ E3501/ E3502				
Country of Origin	:	CHINA				
Country of Destination	:	GLOBAL				
Labeled Age Grading	:	3Y+				
Requested Age Grading	:	3Y				
Client reference information	:	E3500A/E3501A/E3502A				
Asin No	:	B00713P9SC/B006WZO7HE/ B0071	BFMDQ			
Age Group Assessed as Per Age Guideline	:	3+YEARS				
Age Group Applied in Testing	:	3+YEARS				
Sample Receiving Date	:	DEC 01, 2021				
Further Information Date	:	DEC 10, 2021				
Testing Period	:	DEC 01, 2021 TO DEC 14, 2021				
Test Requested			<u>Result</u>			
ASTM F963-17 Standard Consumer Safety S	Spec	cification for Toy Safety	Pass			
Physical and mechanical tests consisting US CFR 1500.49 and US CPSC 16 CFR 1501	CP	SC 16 CFR 1500.48, US CPSC 16	Pass			
US CPSC 16 CFR 1500.19 – Misbranded tog children	ys a	nd other articles intended for use by	Not Applicable			
US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids			Pass			

Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products

Lead (Pb)

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



Member of the SGS Group (SGS SA)

Pass



Test Report	No.: SHHL2112065923TY	Date: DEC 14, 2021		Page 2 of 17
CPSIA section 101(a)(2)-Lead in accessible substrate ma	terials (Non-Metal)	Pass	
CPSIA section 101(f)-L	ead in paint/similar surface coating.	material	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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions and the accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: C



Test Report No

No.: SHHL2112065923TY

Date: DEC 14, 2021

Page 3 of 17

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> 4	<u>Description</u> Safety Requirements	<u>Result</u>
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	<u>Pass (See Detail of</u> <u>test result)</u>
	4.3.5.2 Heavy Metal in Substrate Materials	Pass (See Detail of test result)
4.6.3	Labelling Requirements	N/A (See Remark)
	(Remark: The toy does not contain as-received small part.)	
4.7	Accessible Edges	<u>Pass</u>
4.9	Accessible Points	Pass
4.10	Wires or Rods	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	Pass
5.16	Promotional Materials	Pass
7	Producer's Markings	
7.1	Producer's Markings	Pass
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.12	Flexure Test	Pass

N/A = Not Applicable

** Visual Examination



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com/en/Terms-and-Conditions</u> agps and, for electronic format documents, subject to Terms and Conditions for Electronic Documenta at <u>http://www.sgs.com/en/Terms-and-Conditions</u> (Terms-and-Conditions, the Terms-and-Conditions of Electronic Documenta as the <u>threen of the second on the terms and Conditions</u> and the terms and Conditions of Liability, indemnification and <u>unsatication conditions</u> and therein. Any holder of this document is advised that information contained herein reports the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be repordued except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appoarance of this document is unlawfull and offendaries may the full sole otherwise stated the full sole of the law. Unlose otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are relained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: Ch.Doccheck@sgs.com

 中国 -上海 -徐元区宜山路899号4号楼 邮编: 200233
 t (86) 400 960 9661
 f (86-21) 6115 6899
 www.sgsgroup.com.cn



Date: DEC 14, 2021

Detail of test result:

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

<u>Sample</u> Doll 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.

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	(16 CFR 1500.48)	(16 CFR 1500.49)	(16 CFR 1501)
As received	3	Pass	Pass	N/A
Impact test (16 CFR 1500.53b)	3	Pass	Pass	N/A
Bite test (16 CFR 1500.53c)	0	N/A	N/A	N/A
Flexure test (16 CFR 1500.53d)	3	Pass	Pass	N/A
Torque test (16 CFR 1500.53e)	3	Pass	Pass	N/A
Tension test (16 CFR 1500.53f)	3	Pass	Pass	N/A
Compression test (16 CFR 1500.53g)	0	N/A	N/A	N/A

N/A = Not Applicable

US CPSC 16 CFR 1500.19 – MISBRANDED TOYS AND OTHER ARTICLES INTENDED FOR USE BY CHILDREN NOT APPLICABLE



Unless otherwise agreed in writing, this document is issu overleaf, available on request or accessible at <u>http://www.go</u> subject to Terms and Conditions for Electronic Documents Attention is drawn to the limitation of liability, indemnificati advised that information contained hereon reflects the Con Client's instructions, if any. The Company's sole responsi transaction from exercising all their rights and obligations except in full, without prior written approval of the Compa appearance of this document is unlawful and offonders may results shown in this test report refer only to the sample(s) let Attention; to check the authenticity of testing inspection	Is.com/en/Terms-and-Co at http://www.sgs.com/e on and jurisdiction issue ipany's findings at the ti bility is to its Client an under the transaction d iny. Any unauthorized al be proceeded to the ful sted and such sample(s)	nditions.aspx and, for ele- nn/Terms-and-Conditions/ as defined therein. Any h ime of its intervention on d this document does no documents. This docume lteration, forgery or falsi llost extent of the law. Un are retained for 30 days o	ctronic format documents, Terms-e-Document aspx. older of this document is ly and within the limits of ot exonerate parties to a nt cannot be reproduced fication of the content or locs otherwise stated the nIV.
or email: CN.Doccheck@sgs.com [4 th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233	t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn
中国・上海・谷江区宣山路889号4号楼 邮编: 200233	t (86) 400 960 9661	f (86-21) 6115 6899	e sas.china@sas.com



Test ReportNo.: SHHL2112065923TYDate: DEC 14, 2021

Page 5 of 17

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

<u>Sample</u> DOLL 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.

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.

- Tracking label found on the packaging: FOR ITEM E3500: S2184200079NBCN 08/2021 FOR ITEM E3501:S2084200184NBCN 12/2020 FOR ITEM E3502:S2184200136 NBCN 10/2021

- Tracking label found on the product:

Tracking label on product can be exempted, as the product is too small to be marked.

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



Unless otherwise agreed in writing, this document is issi overleaf, available on request or accessible at http://www.s subject to Terms and Conditions for Electronic Document Attention is drawn to the limitation of liability, indemnifica advised that information contained hereon reflects the Co Client's instructions, if any. The Company's sole respons transaction from exercising all their rights and obligation except in full, without prior written approval of the Comp results shown in this test report reflec only to the sample(s) it Attention: To check the authenticity of testing /inspection or email: CN, Doccheck@sas.com	gs.com/en/Terms-and-Co s at http://www.sgs.com/e tion and jurisdiction issue mpany's findings at the ti sibility is to its Client and s under the transaction d any. Any unauthorized al y be proceouted to the ful seted and such sample(s)	nditions.aspx and, for ele- nn/Terms-and-Conditions/ as defined therein. Any h ime of its intervention on d this document does no documents. This docume lteration, forgery or falsi llost extent of the law. Un are retained for 30 days o	tronic format documents, Terms-e-Document aspx. older of this document is y and within the limits of the exonerate parties to a nt cannot be reproduced lication of the content or loss otherwise stated the nly.
4 th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233	t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn
中国・上海・徐江区宜山路889号4号楼 邮编: 200233	t (86) 400 960 9661	f (86-21) 6115 6899	e sgs.china@sgs.com



Date: DEC 14, 2021

Page 6 of 17

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA21-269371.022	Brown thread hair
SN2	SHA21-269371.023	Beige/Black fabric
SN3	SHA21-269371.024	Black fabric pants
SN4	SHA21-269371.025	Grey thread hair
SN5	SHA21-269371.026	Blue fabric with white dot
SN6	SHA21-269371.027	Green fabric
SN7	SHA21-269371.028	White fabric with green/Yellow
SN8	SHA21-269371.029	Orange felt
SN9	SHA21-269371.030	Yellow thread hair
SN10	SHA21-269371.031	Rose fabric
SN11	SHA21-269371.032	White fabric
SN12	SHA21-269371.033	Blue fabric
SN13	SHA21-269371.034	Orange fabric
SN14	SHA21-269371.035	Black thread hair
SN15	SHA21-269371.036	White/Green fabric
SN16	SHA21-269371.037	Beige/Brown fabric
SN17	SHA21-269371.038	Grey fabric pants
SN18	SHA21-269371.039	Lt.Pink fabric
SN19	SHA21-269371.040	Red fabric(Thin)
SN20	SHA21-269371.041	White ribbon
SN21	SHA21-269371.042	Yellow fabric with orange
SN22	SHA21-269371.043	White mesh edge
SN23	SHA21-269371.044	Yellow fabric
SN24	SHA21-269371.045	Blue/White fabric
SN25	SHA21-269371.046	Dk.Turquoise fabric
SN26	SHA21-269371.047	Lt.Brown fabric
SN27	SHA21-269371.048	White fabric with red dot
SN28	SHA21-269371.049	White fabric with pink/Yellow
SN29	SHA21-269371.050	Pink fabric

Remarks :

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ags.com/en/Terms-and-Conditions aspx and, for electronic format documents, ubject to Terms and Conditions for Electronic Documents at http://www.ags.com/en/Terms-and-Conditions/Terms-and-Conditions/Terms-and-Conditions/Terms-and-Conditions for Terms-and Conditions for the document as divised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document is underwided and proceed of the company. Any unauthorized alteration, forgery or falsification of the content or appoarance of this document is underwided and such sample(s) are retained for 30 days only. Attention is context us at the sample(s) is retained for 30 days only. Attention is context us at the sample(s) is retained for 30 days only. Attention is context us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com (4 biddw.dwn Distribut Sherghai, China 200233) t (86) 400 960 9661 f (86-21) 6115 6899 www.sgsgroup.com.cn **P** at .L'A + ATC Equipment Context be appearance of the accument Sherghai, China 200233 t (86) 400 960 9661 f (86-21) 6115 6899 e sgs.china@sgs.com



No.: SHHL2112065923TY

Date: DEC 14, 2021

Page 7 of 17

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.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>023</u>	<u>024</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND

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	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>023</u> ND PASS	<u>024</u> ND PASS	<u>025</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>026</u> ND PASS	<u>027</u> ND PASS	<u>028</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>029</u> ND PASS	<u>030</u> ND PASS	<u>031</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>032</u> ND PASS	<u>033</u> ND PASS	<u>034</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>035</u> ND PASS		

Notes :



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sge.com/en/lerms-and-Conditions</u>.asgx and, for electronic format documents, subject to ferms and Conditions for Electronic Documents at <u>http://www.sge.com/en/lerms-and-Conditions</u>. For electronic Documents at <u>http://www.sge.com/en/lerms-and-Conditions</u>. For electronic Documents at <u>http://www.sge.com/en/lerms-and-Conditions</u>. For the second terms and Conditions of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or response or this document is unlawful and effender may be proceeded to the full client of the incluse authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com (4 blight Shanghai, China 200233) t (86) 400 960 9661 f (86-21) 6115 6899 www.sgsroup.com.cn **http://test.gottabs** esg.china@sgs.com



Date: DEC 14, 2021

Page 8 of 17

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</u> <u>materials</u>

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

<u>Test Item(s)</u>	Limit	<u>Unit</u>	<u>MDL</u>	<u>025</u>	<u>026</u>	<u>027</u>
Total Lead (Pb)	90	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>	<u>030</u>
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	Limit	<u>Unit</u>	<u>MDL</u>	<u>031</u>	<u>032</u>	<u>033</u>
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>034</u>	<u>035</u>	
Total Lead (Pb)	90	mg/kg	20	ND	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.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>025</u>	<u>026</u>	<u>027</u>
Lead (Pb)	0.009	%	0.002	ND	ND	ND
Conclusion				PASS	PASS	PASS



Unless otherwise agreed in writing, this document is issue- overleaf, available on request or accessible at <u>http://www.sgs</u> subject to Terms and Conditions for Electronic Documents a Attention is drawn to the limitation of liability, indemnificatio advised that information contained hereon reflects the Comp Client's instructions, if any. The Company's sole responsib transaction from exercising all their rights and obligations u except in full, without prior written approval of the Compan appearance of this document is unlewful and offendere may results shown in this test report refer only to the sample(s) test Altention. Check the authenticity of testing inspection	s.com/en/Terms-and-Co at http://www.sgs.com/e n and jurisdiction issue bany's findings at the ti ility is to its Client and under the transaction d up. Any unauthorized al be proceduted to the ful led and such sample(s).	<u>nditions.aspx</u> and, for elec <u>in/Terms-and-Conditions/</u> iss defined therein. Any hime of its intervention onlid d this document does no locuments. This docume Iteration, forgery or falsif loct extent of the law. Jake are retained for 30 days o	tronic format documents, Terms-e-Document aspx. older of this document is y and within the limits of it exonerate parties to a nt cannot be reproduced ication of the content or loss otherwise stated the nly.	
or email: CN.Doccheck@sgs.com 4 th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233	t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn	
中国・上海・徐汇区宜山路889号4号楼 邮编: 200233	t (86) 400 960 9661	f (86-21) 6115 6899	e sgs.china@sgs.com	



Test Report	No.: SHHL2112065923TY	Date: DEC 14, 2021			EC 14, 2021 Pag	
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	Unit %	<u>MDL</u> 0.002	<u>028</u> ND PASS	<u>029</u> ND PASS	<u>030</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	Unit %	<u>MDL</u> 0.002	<u>031</u> ND PASS	<u>032</u> ND PASS	<u>033</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>034</u> ND PASS	<u>035</u> ND PASS	

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

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

<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	<u>MDL</u> 5 2.5 10 5 5 5 10	022 ND ND ND ND ND ND ND ND	023 ND ND ND ND ND ND ND	024 ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 2.5 10 5 5 5 10	025 ND ND ND ND ND ND ND	026 ND ND ND ND ND ND ND	027 ND ND ND ND ND ND ND



Unless otherwise agreed in writing, this document is issued overleaf, available on request or accessible at <u>http://www.sgs.</u> subject to Terms and Conditions for Electronic Documents a Attention is drawn to the limitation of liability, indemnification advised that information contained hereon reflects the Comp Client's instructions, if any. The Company's sole responsibility transaction from exercising all their rights and obligations u except in full, without prior written approval of the Company results shown in this test report refer only to the sample(s) test Attention. To check the authenticity of testing /inspection.	.com/en/Terms-and-Co ti http://www.sgs.com/e and jurisdiction issue any's findings at the ti lity is to its Client and under the transaction d y. Any unauthorized al o proceduted to the ful ed and such sample(s).	<u>nditions.aspx</u> and, for elec <u>in/Terms-and-Conditions/</u> iss defined therein. Any he me of its intervention onl d this document does no locuments. This document teration, forgery or falsif loct extent of the law. Una are retained for 30 days o	tronic format documents, Terms-e-Document aspx. older of this document is y and within the limits of it exonerate parties to a nt cannot be reproduced ication of the content or loss otherwise stated the nly.
4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233	t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn
中国・上海・徐汇区宜山路889号4号楼 邮编: 200233	t (86) 400 960 9661	f (86-21) 6115 6899	e sgs.china@sgs.com



Test Report	No.: SHHL2112065923TY	Date: D	EC 14, 2021		Page 10
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	IDL 028 5 ND 5 ND 2.5 ND 10 ND 5 ND 10 ND	<u>029</u> - - - - - - - - - -	030 ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	<u>Unit</u> <u>M</u> mg/kg mg/kg 2 mg/kg mg/kg mg/kg mg/kg mg/kg	IDL 031 5 ND 5 ND 2.5 ND 10 ND 5 ND 10 ND	032 ND ND ND ND ND ND ND	033 ND ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	IDL 034 5 ND 5 ND 2.5 ND 10 ND 5 ND 10 ND	<u>035</u> ND ND ND ND ND ND	036 ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	IDL 037 5 ND 5 ND 2.5 ND 10 ND 5 ND 10 ND	038 ND ND ND ND ND ND	039 ND ND ND ND ND ND ND



Member of the SGS Group (SGS SA)

10 of 17



Test Report	No.: SHHL2112065923TY	Date	: DEC 14	, 2021		Page 11 of 17
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 5 2.5 10 5 5 5 10	040 ND ND ND ND ND ND ND	041 ND ND ND ND ND ND	042 ND 5 ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 5 2.5 10 5 5 5 10	043 ND ND ND ND ND ND ND	044 ND ND ND ND ND ND	045 ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	<u>Unit</u> mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 5 2.5 10 5 5 5 10	<u>046</u> ND ND ND ND ND ND ND	047 ND ND ND ND ND ND	048 ND ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	<u>Unit</u> mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 5 2.5 10 5 5 5 10	049 ND ND ND ND ND ND ND	<u>050</u> ND ND ND ND ND ND	





Date: DEC 14, 2021

Page 12 of 17

Notes :

(1) Results shown are of the adjusted analytical results

(2) Mass of trace amount of sample 022 is 23.9 mg, sample 023 is 78.8 mg, sample 030 is 33.5 mg, sample 032 is 70.4 mg, sample 033 is 58.3 mg, sample 034 is 98.9 mg, sample 035 is 70.7 mg, sample 036 is 70.8 mg, sample 041 is 11.9 mg, sample 043 is 15.0 mg, sample 045 is 94.3 mg, sample 046 is 40.6 mg, sample 049 is 48.4 mg.

(3) As received, the test portion of samples 029 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(a)(2)-Lead in accessible substrate materials (Non-Metal)

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

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>023</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>024</u> ND 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 or ICP-OES.

Test Item(s) Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	025 ND PASS
Test Item(s) Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	026 ND PASS
Test Item(s) Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	027 ND PASS
Test Item(s) Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	028 ND PASS



	Unless otherwise agreed in writing, this document is issue overleaf, available on request or accessible at http://www.sg subject to Terms and Conditions for Electronic Documents Attention is drawn to the limitation of liability, indemnificatin advised that information continue on reliced theorem transaction from exercising all their rights and obligations except in full, without prior written approval of the Compa appoarence of this document is unlewful and fondere may results shown in this test report refer only to the sample(s) tes Attention. To check the authenticity of testing /inspection or email: CM-Doccheck@sgs.com	s.com/en/Terms-and-Cou at http://www.sgs.com/e on and jurisdiction issue upany's findings at the tip bility is to its Client and under the transaction d ny. Any unauthorized al be proceeded to the ful sted and such sample(s) in report & certificate, pl	nditions.aspx and, for ele- minTerms-and-Conditions/ is defined therein. Any ho me of its intervention on d this document does no locuments. This docume teration, forgery or falsi loet extent of the law. Un are retained for 30 days of ease contact us at telep	tronic format documents, terms-e-Document aspx. older of this document is ly and within the limits of ot exonerate parties to a nt cannot be reproduced fication of the content or lease otherwise stated the nly. hone: (86-755) 8307 1443,	
Í.	4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233	t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn	
	中国・上海・徐汇区宜山路889号4号楼 邮编: 200233	t (86) 400 960 9661	f (86-21) 6115 6899	e sgs.china@sgs.com	



Test Report	No.: SHHL2112065923TY	Date: DEC 14, 2	2021	Page 13 of	
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	029 ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	030 ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	031 ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	032 ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	033 ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>034</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion		<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	035 ND PASS

Remark:

The test results 001, 013 are taken from report SHA21-228308.016, 011

The test results 009 are taken from report SHA21-194652.004

The test results 010, 011 are taken from report SHA21-205049.010, 019

The test results 012, 014 are taken from report SHA21-207635.009, 014

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 declaration of conformity is based on non-binary acceptance decision rules with guard band, and the guard band length parameter is 0. When the measured value falls in the guard band limit, the declaration of conformity is "Conditional PASS" or "Conditional FAIL".

	Unless otherwise agreed in writing, this document overleaf, available on request or accessible at http:// subject to Terms and Conditions for Electronic Doc Attention is drawn to the limitation of liability, inder advised that information contained hereon reflects Client's instructions, if any. The Company's sole r transaction from exercising all their rights and oble scoept in full, without prior written approval of the results shown in this test report refer only to the same Attention. To check the authenticity of testing /ins or email: CM. Doccheck Wags, com	www.sgs.com/en/Terms-and-Co uments at http://www.sgs.com/e unification and jurisdiction issue he Company's findings at the ti seponsibility is to its Client an- gations under the transaction (Company. Any unauthorized ai re may be proceduted to the fu le(s) tested and such sample(s) pection report & certificate, p	nditions.aspx and, for elec in/Terms-and-Conditions/ ss defined therein. Any hi- me of its intervention onl d this document does no locuments. This docume licet extent of the law. Un are retained for 30 days o lease contact us at telep	tronic format documents, Terms-e-Document.aspx. older of this document is y and within the limits of the exonerate parties to a nt cannot be reproduced fication of the content or loss otherwise stated the nly.	
SGS-CSTC Carriages Technical Services SP (Schail) Co., Ltd.	4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200	233 t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn	
Testing Center Hardings	中国・上海・徐汇区宜山路889号4号楼 邮编: 200	t (86) 400 960 9661	f (86-21) 6115 6899	e sgs.china@sgs.com	



No.: SHHL2112065923TY

Date: DEC 14, 2021

Page 14 of 17



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document is exceeded their in Any hore writes agroval of the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole Company's vary unauthorized alteration, forgery or faisfication of the content or except in fully, without prove writes approval of the Sompany's sole tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (8E-75)8307 1443, or email: Ch.Doccheck@sgs.com
Pi Subidity.Bok9. Yishan Road, Xhuin Distic Shangha, China 200233 t (86) 400 960 9661 f (8E-21) 6115 6899 www.sgsgroup.com.cn.
Pi Subidity.Bok9. Yishan Road, Xhuin Distic Shangha, China 200233 t (86) 400 960 9661 f (8E-21) 6115 6899 esgs.china@sgs.com
Pi Subidity.Bok9. Yishan Road, Xhuin Distic Shangha, China 200233 t (86) 400 960 9661 f (8E-21) 6115 6899 esgs.china@sgs.com



No.: SHHL2112065923TY

Date: DEC 14, 2021

Page 15 of 17

Sample Photo:





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions and the accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: C



No.: SHHL2112065923TY

Date: DEC 14, 2021

Page 16 of 17





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions.agx and, for electronic format documents as the full private accessible at http://www.sgs.com/en/Terms-and-Conditions and the accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: Check the authenticity of testing inspection reports accessible at a such sample(s) are retained for 30 days only. Attention: C



No.: SHHL2112065923TY

Date: DEC 14, 2021

Page 17 of 17



SGS authenticate the photo on original report only

*** End of Report ***



Unless otherwise agreed in writing, this document is issue overleaf, available on request or accessible at <u>http://www.sgs</u> subject to Terms and Conditions for Electronic Documents a Attention is drawn to the limitation of liability, indemnification advised that information contained hereon reflects the Comp Client's instructions, if any. The Company's sole responsible transaction from exercising all their rights and obligations u except in full, without prior written approval of the Compan appearance of this document is unlawful and offender may be Attention. To check the authenticity of testing inspection or email: CN_Doccheck@sas.com	.com/en/Terms-and-Co at http://www.sgs.com/e n and jurisdiction issue pany's findings at the ti lility is to its Client and under the transaction d y. Any unauthorized al so proceduted to the ful ed and such sample(s).	<u>nditions.aspx</u> and, for elec <u>in/Terms-and-Conditions/</u> iss defined therein. Any h me of its intervention on d this document does no locuments. This docume Iteration, forgery or falsi loct extent of the law. Un are retained for 30 days o	tronic format documents, Terms-e-Document.aspx. older of this document is y and within the limits of the exonerate parties to a nt cannot be reproduced lication of the content or loss otherwise stated the nly.
4 th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233	t (86) 400 960 9661	f (86-21) 6115 6899	www.sgsgroup.com.cn
中国・上海・徐汇区宜山路889号4号楼 邮编: 200233	t (86) 400 960 9661	f (86-21) 6115 6899	e sgs.china@sgs.com