

Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 1 of 11

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

Sample Description : SOLAR SYSTEM PUZZLE

2-IN-1 WORLD TOUR PUZZLE AND GAME

Sample Quantity : 10 SETS

Style / Item No. : E1625/E1626

Country of Origin : CHINA

Country of Destination : GLOBAL

Client Reference Information : E1625A/E1626A

Labeled Age Grading : 5Y+
Requested Age Grading : 5Y+

Age Group Assessed as Per Age Guideline : 5+YEARS
Age Group Applied in Testing : 5+YEARS

Sample Receiving Date : APR. 15, 2020 Resubmitted Packaging Date : APR. 30, 2020

Testing Period : APR. 15, 2020 TO MAY 09, 2020

<u>Test Requested</u> <u>Result</u>

EN 71-1: 2014+A1: 2018 – Safety of toys – Part 1: Mechanical and Physical Properties

Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer

Pass

Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys

EN 71-2: 2011+A1: 2014 – Safety of toys – Part 2: Flammability Pass

EN71-3: 2019 as harmonized standard under Directive 2009/48/EC and its amendment (EU) 2019/1728 — Migration of certain elements (Category III:for

scrapped-off toy material)

EN71-3: 2019 as harmonized standard under Directive 2009/48/EC and its amendment (EU) 2019/1922 – Migration of certain elements (Category III:for scrapped-off toy material)

<u>Pass</u>

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



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 Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions-And-Conditions-And

4[®] Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 中国・上海・徐江区宜山路889号4号楼 邮编: 200233 t (86) 400 960 9661 t (86) 400 960 9661

f (86-21) 6115 6899 f (86-21) 6115 6899



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 2 of 11

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHHL2004511819T\

Wallace Lui

Senior Technical Manager, Asia



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 Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions-and-Conditions-and



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 3 of 11

Results:

EN 71-1: 2014+A1:2018 - SAFETY OF TOYS - PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1: 2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	Result
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
6	Packaging	Pass #
7	Warnings, markings and instructions for use	
7.1	General Requirements	<u>Pass</u>
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font size	
	f) Logical direction of text	
	For more details, see EN 71-1.	
7.2	Toys not intended for children under 36 months (Remark: The toy contains small part. It is acceptable because appropriate warning is found on packaging.)	<u>Pass</u> <u>See Remark</u>

The item with # means it has been retested.

Only English warnings were checked for the clause 7. According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not applicable	/
CE Mark	Present	Toy/Packaging
Importer's Name & Address	Present	Toy/Packaging
Manufacturer's Name & Address	Present	Toy/Packaging



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 Documents a thite: http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx.
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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 does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

4⁸ Bulding, No.889, Yishan Road, Xuhui Disirid. 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



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 4 of 11

Product ID	Present	Toy/Packaging
------------	---------	---------------

Note:

- 1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soak washable.
- 2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
- 3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- 4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

EN 71-2: 2011+A1: 2014 - SAFETY OF TOYS - PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 - SAFETY OF TOYS - PART 2: FLAMMABILITY

Clauses relevant to the item:

ClauseDescriptionResult4.1General requirementsPass

N.B.: - Only applicable clauses were shown.

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	SHA20-060287.001	CMYK coating
SN2	SHA20-060287.002	Red coating
SN3	SHA20-060287.003	Orange coating
SN4	SHA20-060287.004	Blue coating
SN5	SHA20-060287.005	Brown coating
SN6	SHA20-060287.006	Beige coating
SN7	SHA20-060287.007	Aqua coating
SN8	SHA20-060287.008	Lt. aqua coating
SN9	SHA20-060287.009	Purple coating
SN10	SHA20-060287.010	Yellow ABS
SN11	SHA20-060287.011	Solid wood
SN12	SHA20-060287.012	Paper without coating(puzzle)

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.sgs.com/en/Terms-and-Conditions.aspx.and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions-And-Conditions-And

4^a Buliding, No.889, Yishan Road, Xuhui Dishric Shanghai, China 200233 t (86) 400 960 9661 f (86-21) 6115 6899 中国・上海・徐江区宜山路889号4号楼 邮第: 200233 t (86) 400 960 9661 f (86-21) 6115 6899 www.sgsgroup.com.cn

e sgs.china@sgs.com



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 5 of 11

EN71-3: 2019 as harmonized standard under Directive 2009/48/EC and its amendment (EU) 2019/1728 - Migration of certain elements (Category III:for scrapped-off toy material)

Test Method: With reference to EN 71-3:2019, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s) Soluble Chromium (VI) (Cr VI) Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Cr III) Soluble Mercury (Hg) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn) Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (Al) Soluble Nickel (Ni) Soluble Organic Tin*	Limit 0.053 23 560 47 18750 17 460 94 460 15000 130 15000 56000 46000 7700 70000 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 10 10 50 50 50 50 50 50 50 50	001 ND ND ND ND ND ND ND ND ND ND ND ND ND	002 ND ND	003
Test Item(s) Soluble Chromium (VI) (Cr VI) Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Cr III) Soluble Mercury (Hg) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn) Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (Al) Soluble Nickel (Ni) Soluble Tin (Sn) Soluble Organic Tin*	Limit 0.053 23 560 47 18750 17 460 94 460 15000 130 15000 56000 46000 7700 70000 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 5 10 10 50 50 50 50 50 50 50 50 50 50 50 50 70 10 80 80 80 80 80 80 80 80 80 80 80 80 80	004 ND ND ND ND ND ND ND ND ND ND ND ND ND	005	006 ND ND ND ND ND ND ND ND ND ND ND ND ND



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 Documents a thite: http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx.
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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 does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 中国・上海・徐汇区宜山路889号4号楼 邮編: 200233 t (86) 400 960 9661 f (86-21) 6115 6899 t (86) 400 960 9661

f (86-21) 6115 6899



Test Report No.: SHHL2004511819	o.: SHHL2004511819TY		Date: MAY 09, 2020			Page 6 of 11		
Test Item(s) Soluble Chromium (VI) (Cr VI) Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Cr III) Soluble Mercury (Hg)	Limit 0.053 23 560 47 18750 17 460 94	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 5	OOT ND	OO8 ND	009 ND ND ND ND ND ND ND		
Test Item(s) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn) Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (Al) Soluble Nickel (Ni) Soluble Tin (Sn) Soluble Organic Tin*	Limit 460 15000 130 15000 56000 46000 7700 70000 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 10 50 10 50 50 50 50 10 3	OOT ND ND ND ND ND ND ND 160 ND ND	008 ND ND ND ND ND ND 250 ND ND	009 ND ND ND ND ND ND ND ND ND ND ND		
Test Item(s) Soluble Chromium (VI) (Cr VI) Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Cr III) Soluble Mercury (Hg) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn) Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (AI) Soluble Nickel (Ni) Soluble Organic Tin*	Limit 0.053 23 560 47 18750 17 460 94 460 15000 130 15000 56000 46000 7700 70000 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 5 10 10 50 50 50 50 50 50 50 50 50	010 ND ND ND ND ND ND ND ND ND ND ND ND ND	011 ND ND ND ND ND ND ND ND ND ND ND ND ND	012 ND ND ND ND ND ND ND ND ND ND		

Notes

- (1) Mass of trace amount of sample 001 is 44.0 mg, sample 002 is 38.7 mg, sample 004 is 39.5 mg, sample 006 is 54.2 mg, sample 007 is 59.8 mg, sample 008 is 62.8 mg, sample 009 is 41.7 mg.
- (2) As received, the test portion of 003, 005 are less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the European Standard EN 71-3:2019.
- (3) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not



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 Documents a thite: http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx.
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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 does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

4[®] Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 中国・上海・徐江区宜山路889号4号楼 邮编: 200233 f (86–21) 6115 6899 www.sgsgroup.com.cn f (86–21) 6115 6899 e sgs.china@sgs.com



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 7 of 11

exceed the soluble organic tin requirement as specified in EN 71-3:2019.

EN71-3: 2019 as harmonized standard under Directive 2009/48/EC and its amendment (EU) 2019/1922 - Migration of certain elements (Category III:for scrapped-off toy material)

Test Method: With reference to EN 71-3:2019, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s) Soluble Chromium (VI) (Cr VI) Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Cr III) Soluble Mercury (Hg) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn) Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu)	Limit 0.053 23 560 47 18750 17 460 94 460 15000 130 15000 56000 46000 7700	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 10 10 50 10 50 50 50	OO1 ND	902 ND ND ND ND ND ND ND ND ND ND ND ND ND	003
Soluble Aluminum (Al) Soluble Nickel (Ni)	28130 930	mg/kg mg/kg	50 10	130 ND	ND ND	
Soluble Tin (Sn) Soluble Organic Tin*	180000 12	mg/kg mg/kg	3 -	ND ND	ND ND	
Test Item(s) Soluble Chromium (VI) (Cr VI) Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As)	<u>Limit</u> 0.053 23 560 47	Unit mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10	004 ND ND ND ND	<u>005</u> - 	006 ND ND ND ND
Soluble Barium (Ba)	18750	mg/kg	50	ND		ND
Soluble Cadmium (Cd) Soluble Chromium (III) (Cr III) Soluble Mercury (Hg)	17 460 94	mg/kg mg/kg mg/kg	5 5 10	ND ND ND	 - 	ND ND ND
Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co)	460 15000 130	mg/kg mg/kg	10 50 10	ND ND ND		ND ND ND
Soluble Cobait (Co) Soluble Manganese (Mn)	15000	mg/kg mg/kg	50	ND		ND



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 Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions-And-Conditions-And

4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 中国・上海・徐汇区宜山路889号4号楼 邮編: 200233 t (86) 400 960 9661 f (86-21) 6115 6899 t (86) 400 960 9661

www.sgsgroup.com.cn e sgs.china@sgs.com

f (86-21) 6115 6899



Test Report	rt No.: SHHL2004511819TY		Date: MAY 09, 2020			Page 8 of 11	
Test Item(s) Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (Al) Soluble Nickel (Ni) Soluble Tin (Sn) Soluble Organic Tin*		Limit 56000 46000 7700 28130 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 50 50 50 50 10 3	004 ND ND ND 73 ND ND ND	005 	006 ND ND ND 265 ND ND
Test Item(s) Soluble Chromium (VI) (Coluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Coluble Mercury (Hg) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (Al) Soluble Nickel (Ni) Soluble Tin (Sn) Soluble Organic Tin*	Cr III)	Limit 0.053 23 560 47 18750 17 460 94 460 15000 130 15000 56000 46000 7700 28130 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 10 10 50 50 50 50 50 50 50	OOT ND ND ND ND ND ND ND ND ND ND ND ND ND	008 ND ND N	009 ND ND ND ND ND ND ND ND ND ND ND ND ND
Test Item(s) Soluble Chromium (VI) (Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (III) (Geoluble Mercury (Hg) Soluble Selenium (Se) Soluble Boron (B) Soluble Cobalt (Co) Soluble Manganese (Mn Soluble Strontium (Sr) Soluble Zinc (Zn) Soluble Copper (Cu) Soluble Aluminum (Al) Soluble Nickel (Ni) Soluble Tin (Sn) Soluble Organic Tin*	Cr III)	Limit 0.053 23 560 47 18750 17 460 94 460 15000 130 15000 56000 46000 7700 28130 930 180000 12	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 0.025 5 10 10 50 5 5 10 10 50 50 50 50 50 50 50 50	010 ND ND ND ND ND ND ND ND ND ND ND ND ND	011 ND ND ND ND ND ND ND ND ND ND ND ND ND	012 ND ND ND ND ND ND ND ND ND ND ND ND ND



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 Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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 does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. 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 appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing finapection report a certificate, please contact us at telephone: (86-755) 8307 1443,

4th Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 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 t (86) 400 960 9661

f (86-21) 6115 6899



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 9 of 11

Notes:

(1) Mass of trace amount of sample 001 is 44.0 mg, sample 002 is 38.7 mg, sample 004 is 39.5 mg, sample 006 is 54.2 mg, sample 007 is 59.8 mg, sample 008 is 62.8 mg, sample 009 is 41.7 mg.

(2) As received, the test portion of 003, 005 are less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the European Standard EN 71-3:2019.

(3) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019.

Remark:

The test results 002 are taken from report SHA20-027733.006 The test results 003 are taken from report SHA20-027733.015 The test results 005 are taken from report SHA20-027733.010 The test results 011 are taken from report SHA20-012737.015

Remark:

- 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 only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.

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/Terms-en-Comments, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Comments.apd. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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 does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) 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: (66-755) 8307 1443,

4[®] Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 中国・上海・徐江区宜山路889号4号楼 邮编: 200233 

Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 10 of 11





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 Documents a thite: http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx.
Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder 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 does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.

**Attention-10 check the authenticity of testing /inspection report a certificate, please contact us at telephone: (86-755) 8307 1443.



Test Report No.: SHHL2004511819TY Date: MAY 09, 2020 Page 11 of 11



SGS authenticate the photo on original report only

*** End of Report ***



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 Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions-And-Conditions-And