

Report No.: 244370410h 001

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Client: HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD

Contact Information: HAPE INTERNATIONAL(NINGBO)LTD
9-27Nanhai Road, Dagang industrial City, Beilun, Ningbo, China

Test item(s): Toy

Identification/
Model No(s): Refer to detail list

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2021-10-28

Testing Period: 2021-10-28 to 2021-11-09

Place of testing: Chemical laboratory Shanghai, Toys laboratory Shanghai, Textiles
laboratory Shanghai

Test Specification:

Please refer to "Test Result Summary List" on page 2 for details

Other information:

Country of Origin: China

Packaging provided: Yes

The provided age grade of the item: Over 36 months.

The appropriate age grade of the item: Over 36 months.

The item was tested over 36 months.

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.



Wice Wang/
General Manager

Rainbow Xu/
Senior Technical Executive

2021-11-12

2021-11-12

Date

Name/Position

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Test Result Summary :**Test Specification:**

- 1 EN 71-1:2014+A1:2018 Mechanical and physical properties
- 2 2009/48/EC CE marking
- 3 2009/48/EC Labeling Requirement
(Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)
- 4 EN 71-2:2011+A1:2014 Flammability
- 5 EN 71-2:2020 Flammability
- 6 EN 71-3:2019+A1:2021 Migration of 19 Elements

Test result:

PASS
PASS
Please refer to result page
PASS
PASS
PASS



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ASIN NO	Item NO.	Item Description EN	Item Description CN	Age
B074PXWGDN	E3152,E3152A	White Gourmet Kitchen	北欧风美食家厨房	3Y+



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Material List:

Item: Refer to detail list

Material No.	Material	Color	Location	Remark
M003	Whole Product	Multi	E3152A	
M004	Wood	MDF	animal body	Refer to 244346170/M005
M005	Wood	Plywood	Kitchen table	Refer to 244352423/M004
M006	Wood	Solid wood	Wheel	Refer to 244357923/M007
M009	Coating	Varnish	On wood	Refer to 244357923/M015
M011	Coating	Brown	On wood	Refer to 244357923/M014
M012	Coating	Grey	On wood	Refer to 244357923/M016
M013	Coating	White	On wood	Refer to 244357923/M011
M015	Coating	Silver	On wood	Refer to 244357923/M012
M016	Coating	Black	On wood	Refer to 244357923/M013
M018	Plastic	Red	ABS handle	Refer to 244357923/M025
M019	Plastic	White	POM switch	
M020	Plastic	Grey	PP trough	Refer to 244357923/M037
M021	Plastic	Transparent	PET door's window	Refer to 244357923/M040
M022	Plastic	White	PA connection	Refer to 244357923/M023
M023	Plastic	Skin	Door soft pad	
M024	Coating	Red	On wood	Refer to 244357923/M010



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1. EN 71-1:2014+A1:2018 Mechanical and physical properties

	Test No:	T001
	Material No:	M003
4. General requirements		
4.1 Material cleanliness		PASS
4.7 Edges		PASS
4.8 Points and metallic wires		PASS
4.10 Parts moving against each other		PASS
4.16 Heavy immobile toys		PASS
4.20 Acoustics		PASS
4.22 Small balls		PASS
7. Warnings, markings and instructions for use		
7.1 General		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.



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2. 2009/48/EC CE Marking
Test result:

	Test No:	T001
	Material No:	M003
CE-marking		PASS

3. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)
Test result:

	Test No:	T001
	Material No:	M003
Importer/ Manufacturer Mark (European Company name and address)+		Present on product and package
Product Identification - type, batch, serial or model number+		Present on product and package

Remark:

+ These labeling shall be indicated on the toy, or where that is not possible, on its packaging or in a documents accompanying the toys.

The correct adherence to all requirements according to directive 2009/48/EC in regards to the marking (name or trademark and contact address of the manufacturer respectively the marking for identification [type, batch, model or serial no.]) of the toy can only be confirmed by the manufacturer, his delegate or the person who brings it onto the market. The marked article were assessed, however, they can not be evaluated in the frame of this test.



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4. EN 71-2:2011+A1:2014 Flammability**Test result:**

	Test No:	T001
	Material No:	M003
4.1 General		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.



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#5.EN 71-2:2020 Flammability

Test result:

	Test No:	T001
	Material No.	M003
4.1 General requirements		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

The test is not covered by CNAS accreditation.



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#6. EN 71-3:2019+A1:2021 Migration of 19 Elements

Test Method: with reference to EN 71-3:2019+A1:2021, analyzed by ICP-OES / ICP-MS / LC-ICP-MS.

3) For scraped-off toy materials:
Test Result:

				Test No.	T001	T002	T003
				Material No.	M004	M005	M006
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	22.6	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	19.2	6.9	6.7	
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	128	3.7	126	
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	6.9	10.7	< RL	
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-	
Zinc (Zn)	mg/kg	10	46,000	< RL	39.9	< RL	

Abbreviation:

- < less than
- RL = Reporting Limit
- mg/kg denotes milligram per kilogram
- [^] denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal



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Test Result:

				Test No.	T004	T005	T006
				Material No.	M009	M012	M013
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	29.0	360	362	
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL	
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL	
Barium (Ba)	mg/kg	2.5	18,750	4.8	14.1	5.5	
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL	
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL	
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL	
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL	
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL	
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL	
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL	
Manganese (Mn)	mg/kg	2.5	15,000	5.9	4.9	10.3	
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL	
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL	
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL	
Strontium (Sr)	mg/kg	2.5	56,000	3.1	28.8	34.6	
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL	
Organic Tin [^]	mg/kg	0.2	12	-	-	-	
Zinc (Zn)	mg/kg	10	46,000	1560	65.8	118	

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Test Result:

				Test No.	T007	T008	T009
				Material No.	M015	M016	M018
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	12200	2750	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	18.6	5.3	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	8.7	13.9	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	8.8	22.5	< RL	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-	-
Zinc (Zn)	mg/kg	10	46,000	2260	1910	< RL	< RL

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Test Result:

Test Parameter	Unit	RL	Test No.	T010	T011	T012
			Material No.	M019	M020	M021
			Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	< RL	< RL	17.8
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	< RL	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL	< RL

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Test Result:

				Test No.	T013	T014	T015
				Material No.	M022	M023	M024
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	< RL	< RL		116
Antimony (Sb)	mg/kg	5	560	< RL	< RL		< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL		< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	< RL		< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL		< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL		< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL		< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL		< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL		< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL		< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL		< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	< RL		5.8
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL		< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	5.7		< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL		< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	< RL		27.6
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL		< RL
Organic Tin [^]	mg/kg	0.2	12	-	-		-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL		< RL

Abbreviation:

- < less than
- RL = Reporting Limit
- mg/kg denotes milligram per kilogram
- [^] denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

Remark:

- * Categorization of toys materials is based on the material texture. According to point H.11 of Annex H to EN 71-3:2019+A1:2021, cosmetic materials with dry, brittle, powder like or pliable texture such as lipstick and eyeshadow are considered as category I materials. However, as a reminder, it cannot preclude the possibility that some national enforcement authorities might take a more stringent action to treat cosmetic materials as sticky and evaluate according to category II requirement as they are intended to be applied on skin and retained for long time.
- *1 According to EN 71-3:2019+A1:2021, the weight of test portion M011 available was less than 10mg, the test for soluble heavy metal content was not performed.

The test is not covered by CNAS accreditation.

Testing Laboratory accredited by DAkkS according to DIN EN ISO/IEC 17025. The accreditation is valid for the test methods stated in the certificate.

Testing Laboratory accredited by CNAS according to ISO/IEC 17025. The accreditation is valid for the test methods stated in the certificate.



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Sample Photo



E3152.E3152A

- END -



