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CERTIFICATE OF COMPLIANCE

SGS United Kingdom A UKAS Accredited Test House

Client Name : HAPE INTERNATIONAL (NINGBO) LTD HAPPY

ARTS&CRAFTS(NINGBO)CO.,LTD

Test Report Number T51910310246TY

Reference Number : WSZ-UK5191310029TY

Item Number : E0454, E0454A, E0456, E0456A **Sample Description** : GEOMETRICRICE-BASEDRATTLE, TRIOGEOMETRICRICERATTLE

: JAN 02, 2020

Applied Standards Result

1) EN 71-1:2014+A1:2018 - Safety of toys - Part 1: Mechanical and Physical Properties **Pass** 2) EN 71-2:2011+A1:2014 - Safety of toys - Part 2: Flammability Pass

3) Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 - EN 71-3:2019 - Migration Pass

of certain elements

Date of Issue

This certificate of compliance must not be used without the attached reference test report.

Ouyang Qin, Cansy Lab Operation Manager SGS SHENZHEN

Nina Pratt Senior Technologist SGS UNITED KINGDOM LTD.

Sept 1

The report attached to this certificate has been checked and approved by SGS United Kingdom Ltd who holds a copy of the relevant documentation in its office. This certificate confirms test results by another SGS entity without SGS UK Ltd having done the testing itself. This Certificate is issued by SGS UK Ltd. under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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HAPE INTERNATIONAL (NINGBO) LTD HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD 9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA PC:315800

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

GEOMETRICRICE-BASEDRATTLE, TRIOGEOMETRICRICERATTLE

Item No. : E0454, E0454A, E0456, E0456A

Country of Destination : GLOBEL
Labeled Age Grading : 0M+
Requested Age Grading : 0+

Age Group Assessed by SGS As Per Age : ALL AGES

Guideline

Age Group Applied in Testing : ALL AGES
Sample Receiving Date : DEC 03, 2019

Testing Period : DEC 03, 2019 TO JAN 02, 2020





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Test l	Test Requested			
1.	For compliance with the European standard on Safety of toys:-			
	EN 71-1:2014+A1:2018 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS		
	EN 71-2:2011+A1:2014 - Safety of toys - Part 2: Flammability	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	SEE RESULT		
	Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 – Migration of certain elements (All conclusive testing)	PASS		

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

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Testing Center

Liu Junjie, Tony Section Manager

CNAS Approved Signatories

Qu Ping, Kiky
Dept. Manager
CNAS Approved Signatories





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Results:

EUROPEAN STANDARD ON SAFETY OF TOYS

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>	Description	<u>on</u>	Result
4	General r	requirements	
4.1	Material of	cleanliness	<u>Pass</u>
4.7	Edges		<u>Pass</u>
4.8	Points an	nd metallic wires	<u>Pass</u>
4.20	Acoustics	3	<u>Pass</u>
5	Toys inte	nded for children under 36 months	
5.1	General r	requirements:	
	5.1a	Small part requirement on toys & removable	
		Components (Test method 8.2)	<u>Pass</u>
	5.1b	Torque test (Test method 8.3)	<u>Pass</u>
		Tension test (Test method 8.4)	<u>Pass</u>
		Drop test (Test method 8.5)	<u>Pass</u>
		Impact test (Test method 8.7)	<u>Pass</u>
		Sharp edge (Test method 8.11)	<u>Pass</u>
		Sharp point (Test method 8.12)	<u>Pass</u>
	5.1f	The casing of toys intended for children too young to sit up unaided	<u>Pass</u>
5.8	Shape an	nd size of certain toys	<u>Pass</u>
5.10	Small bal	lls	<u>Pass</u>

According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.



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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

Type of gas: Butane gas used in the test burner

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	Packaging
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Present	Packaging
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.



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<u>Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 – EN 71-3:2019 – Migration of certain elements</u>

Category III: Scraped-off toy material

Method: With reference to EN 71-3:2019. Analysis of general elements was performed by ICP-OES. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV-Vis / LC-ICP-MS and organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)			MDL	Permissible Limit		
Specimen No.	1	2	3				
Mass of trace amount		(mg)					
Soluble Aluminium	(AI)	(mg/kg)	ND	ND	ND	50	28130
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	ND	50	18750
Soluble Boron	(B)	(mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	ND	5	17
Soluble Chromium+	(Cr)	(mg/kg)	ND	ND	ND	0.15	
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	ND	ND	1	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin		(mg/kg)	ND	ND	ND		12
Soluble Zinc	(Zn)	(mg/kg)	ND	ND	ND	50	46000



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Test Item(s)	Result(s)			MDL	Permissible Limit		
Specimen No.			4	5	6		
Mass of trace amount		(mg)					
Soluble Aluminium	(AI)	(mg/kg)	ND	ND	ND	50	28130
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	ND	50	18750
Soluble Boron	(B)	(mg/kg)	ND	ND	ND	50	15000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	ND	5	17
Soluble Chromium+	(Cr)	(mg/kg)	ND	ND	1.23	0.15	
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	ND	1.23	1	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	ND	0.010	0.053
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	ND	50	7700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	ND	2.3	23
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	ND	50	15000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	ND	50	56000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	ND	3.0	180000
Soluble Organic Tin		(mg/kg)	ND	ND	ND		12
Soluble Zinc	(Zn)	(mg/kg)	ND	ND	ND	50	46000

Specimen Description:

- 1. Transparent yellow plastic (Geometric rattle)
- 2. Transparent blue plastic (Geometric rattle)
- 3. Transparent pink plastic (Geometric rattle)
- 4. Pink plastic (Geometric rattle)
- 5. Yellow plastic (Geometric rattle)
- 6. Blue plastic (Geometric rattle)



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Note: - mg/kg = milligram per kilogram

- mg = milligram

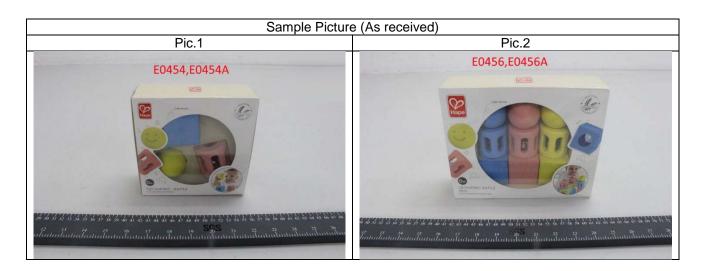
- ND = Not Detected (lower than MDL)

- MDL = Method Detection Limit

-1% = 10000 mg/kg = 10000 ppm

- + Soluble Chromium is not restricted by EN71-3:2019, results shown only for reference

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