



## TEST REPORT

Applicant:

Number: HKGH02259017

Date: Mar 07, 2018

Attn: JULIE COOPER

Submitted sample said to be :  
Item Name :  
Item No. :  
Quantity : 3 sets  
Labelled Age Warning : "Not suitable for children under 3 years of age due to small parts."  
Packaging Provided : Yes  
Country of Origin : China

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For and on behalf of :  
Intertek Testing Services HK Ltd.



Angel Y.F. Cheung  
Vice President



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**Conclusion:**

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) U.S. ASTM F963-17 - Physical and Mechanical tests	Pass
(2) ASTM F963-17 - Flammability Test of Materials other than textile materials	Pass
(3) ASTM F963-17 - Total Lead content	Pass
(4) U.S. CFR Title 16 (CPSC Regulations) - Part 1303 - Total Lead content in surface coating	Not Applicable
U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in surface coating	Not Applicable
(5) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(6) US CPSC 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates effective from April 25, 2018 - Phthalate content	Not Applicable
(7) EN71-1: 2014 - Mechanical and Physical Properties	Pass
(8) EN71-2 : 2011 + A1 : 2014 - Flammability Test	Pass
(9) EN71-3 : 2013 + A1:2014 - Migration of certain elements	Not Applicable
EN71-3 : 2013 + A2:2017 - Migration of certain elements	Not Applicable
(10) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 - Phthalates content	Not Applicable
(11) REACH Regulation (EC) no. 1907/2006, Annex XVII Item 51 & amendment no. 552/2009 (formerly Known as Directive 2005/84/EC) - Phthalates content requirement	Not Applicable
(12) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Not Applicable



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(1) Physical and Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-17

Age group for testing : For Ages Over 3 Years

Test	FHSA	Parameter
Compression test	Section 1500.53(g)	30 lbf
Drop Test	Section 1500.53(b)	4 x 3.0 ft
Tension test	Section 1500.53(f)	15 lbf
Torque test	Section 1500.53(e)	4 in-lbf

Clause	Requirement	Assessment
4.1	Material quality	P
4.5	Sound producing toys	NA
4.6.1	Toys intended for children under 36 months of age	NA
4.6.2	Mouth actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months - Small part warning	NA
4.7	Accessible edges	P
4.8	Projection	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	P
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	NA
4.15	Stability and overload requirement	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles (96 months of age or less)	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispherical shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA



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Clause	Requirement	Assessment
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labeling requirements	P
6	Instructional literature	P
7	Producer's marking	
	- Name of producer / distributor	Yes
	- Address	Yes

Abbreviation : P = Pass NA = Not Applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.28 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Feb 14, 2018  
Test Period : Feb 14, 2018 to Feb 20, 2018

(2) Flammability Tests

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Result: Did not ignite

Date sample received : Feb 14, 2018  
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(3) Total Lead (Pb) Content

Test Method : Sections 4.3.5.1(1) and 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17, CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in ppm	Limit in ppm
(1)	<20	100

ppm = parts per million = mg/kg

Tested Component:

(1) Pale green/white stone (stones).

Date sample received : Feb 14, 2018  
Test Period : Feb 14, 2018 to Feb 20, 2018

(4) Total Lead (Pb) Content in Surface Coating

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope of CPSIA for total Lead content test was not applicable to the submitted samples.

Date sample received : Feb 14, 2018  
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(5) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1)	<20	100

ppm = parts per million = mg/kg

Tested Component:

(1) Pale green/white stone (stones).

Date sample received : Feb 14, 2018

Test Period : Feb 14, 2018 to Feb 20, 2018

(6) Phthalate Content Test

Test method: Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.3 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment : Not Applicable

Date sample received : Feb 14, 2018

Testing period : Feb 14, 2018 to Feb 14, 2018



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(7) Physical and Mechanical Tests

Test Standard : European Standard on Safety of Toys EN71-1:2014

Age group for testing : For Ages Over 3 Years

Clause	Requirement	Assessment
4	General requirements	
4.1	Material cleanliness	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding Materials	NA
4.7	Edges	P
4.8	Points and Metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put into mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non -electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	
5.1	General requirements for toys intended for children under 36 months	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically driven ride-on toys	NA



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Clause	Requirement	Assessment
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic / electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

Abbreviation : P = Pass NA = Not Applicable



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Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements and not accredited:

### Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking. After checking, it was found that

	Toy	Packaging
Manufacturer's name	Absent	Present
Manufacturer's address	Absent	Present
Importer's name	Absent	Present
Importer's address	Absent	Present
Product identification code	Absent	Present
CE-marking	Absent	Present

Date sample received : Feb 14, 2018  
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### (8) Flammability Test

Test Standard : European Standard on Safety of Toys EN71-2 : 2011 + A1 : 2014

Clause	Requirement	Assessment
4.1	General	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Abbreviation : P = Pass NA = Not Applicable

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(9) 19 Toxic Element Migration Test

Test Method : Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and/or Ion Chromatography-Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Assessment : Not Applicable

Date sample received : Feb 14, 2018  
Test Period : Feb 14, 2018 to Feb 20, 2018

(10) Phthalate Content Test

Test Method : EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment : Not Applicable

Date sample received : Feb 14, 2018  
Testing period : Feb 14, 2018 to Feb 14, 2018

(11) Phthalate Content Test

Test Standard : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment : Not Applicable

Date sample received : Feb 14, 2018  
Testing period : Feb 14, 2018 to Feb 14, 2018

(12) Cadmium (Cd) Content

Test Method : Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Not Applicable

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End of report

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