



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T51910310247TY

Date: JAN 02, 2020

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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 Guideline	:	ALL AGES
Age Group Applied in Testing	:	ALL AGES
Sample Receiving Date	:	DEC 03, 2019
Testing Period	:	DEC 03, 2019 TO JAN 02, 2020



SGS-CSTC (Shenzhen) Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Test Requested		Conclusion
1.	Per applicant's request, for compliance with the selected requirement(s) of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety. Refer to test result page(s) for details.	--
	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
2.	Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content	NOT APPLICABLE (SEE REMARK 1)
3.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	PASS*
4.	CPSIA section 101 - Total Lead content	--
	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	NOT APPLICABLE (SEE REMARK 1)
	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS
	Client's Requirement – Lead in accessible substrate materials (Including Children's Metal Jewelry)	PASS

Remark 1: There were no surface coating found in the said submitted sample.

Remark 2: Test item(s) with “*” is(are) not accredited by CNAS.

***** 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:

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:

Clause	Description	Result
4	Safety Requirements	
4.1	Material Quality **	Pass
4.2	Flammability Test	Pass
		(See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	Not Applicable
4.3.5.2	Heavy Metal in Substrate Materials	Pass
		(See Result Page)
4.3.8	DEHP (DOP)	N/C
4.5	Sound-Producing Toys	Pass
4.6.1	Small Objects	Pass
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
4.23	Rattles	Pass
4.34	Balls	Pass
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

** Visual Examination

N/C=Not Conducted as per client's request



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Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample

GEOMETRICRICE-BASEDRATTLE,
TRIOGEOMETRICRICERATTLE

Burning Rate (inch/sec)

DNI

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.

DNI = Did Not Ignite

ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

Method (metal materials): With reference to CPSC-CH-E1001-08.3

Method: With reference to ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)			Lead (Pb)
MDL (ppm)			10
Total Limit (ppm)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Transparent yellow plastic (Geometric rattle) + Transparent blue plastic (Geometric rattle) + Transparent pink plastic (Geometric rattle)	1	1	ND
2. Pink plastic (Geometric rattle) + Yellow plastic (Geometric rattle) + Blue plastic (Geometric rattle)	1	2	ND
3. Silvery metal bell	5	1	ND



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) -- Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	2	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	2	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	2	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	2	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	2	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	2	6	/	ND	ND	ND	ND	ND	ND	ND	ND

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)

- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Migration results of eight elements shown are of the adjusted analytical results
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.
 - For Soluble Heavy Metal Content: Result(s) is(are) extracted from report No. T51910310246TY.



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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:

- 1) Name: Hape
- 2) Location: MADE IN CHINA P1922400330NBCN 07 / 2019
P1922400401NBCN 08 / 2019
- 3) Date: P1922400330NBCN 07 / 2019
P1922400401NBCN 08 / 2019
- 4) Cohort information: P1922400330NBCN 07 / 2019
P1922400401NBCN 08 / 2019

- Tracking label found on the product:

- 1) Name: Hape
- 2) Location: NBCN 0619
- 3) Date: NBCN 0619
- 4) Cohort information: NBCN 0619

Note: 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.



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CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

Test Item(s)			Lead (Pb)
Permissible Limit **(ppm)			100
Client's Limit (ppm)			40
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Transparent yellow plastic (Geometric rattle) + Transparent blue plastic (Geometric rattle) + Transparent pink plastic (Geometric rattle)	3	1	ND
2. Pink plastic (Geometric rattle) + Yellow plastic (Geometric rattle) + Blue plastic (Geometric rattle)	3	2	ND
3. Silvery metal bell	4	1	ND

** Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.

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



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Sample Picture (As received)

Pic.1

E0454,E0454A



Pic.2

E0456,E0456A



SGS authenticate the photo on original report only

*** End of Report ***