





中国认可 检测 TESTING CNAS L0599

Test Report No.: SHHL1906030535TY

Date: JUN. 28, 2019

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HAPE INTERNATIONAL (NINGBO) LTD HAPPY ARTS&CRAFTS(NINGBO) CO., LTD

9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA

PENGUIN MUSICAL WOBBLER BABY DRUM

Sample Quantity	: 12 PCS	
Style / Item No.	: E0331, E0331A, E0333, E0333A	
Country of Destination	: GLOBAL	
Labeled Age Grading	: 6M+	
Requested Age Grading	: 6M+	
Age Group Assessed as Per Age Guideline	: 6+ MONTHS	
Age Group Applied in Testing	: 6+ MONTHS	
Sample Receiving Date	: JUN. 12, 2019	
Further Information Date	: JUN. 21, 2019	
Testing Period	: JUN. 12, 2019 TO JUN. 28, 2019	
Test Requested		<u>Result</u>
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ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	Pass
Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	Pass
Lead (Pb)(Non-Metal)	Pass
Part 1303, Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A. requirement-Lead	Pass
CPSIA section 101(f) - Lead in paint/similar surface coating material	Pass
CPSIA section 101(a)(2) - Lead in accessible substrate materials(Non-Metal)	Pass

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



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



Wallace Lui Senior Technical Manager, Asia



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Result:

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:

<u>Clause</u> 4	Description Safety Requirements	<u>Result</u>
4.1	Material Quality **	Pass
4.2	Flammability Test	Pass (See Detail of test result)
4.3	Toxicology	<i>,</i>
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	<u>Pass (See Detail of</u> <u>test result)</u>
	4.3.5.2 Heavy Metal in Substrate Materials	Pass (See Detail of test result)
4.5	Sound-Producing Toys	Pass
4.6.1	Small Objects	<u>Pass</u>
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
4.11	Nails and Fasteners	Pass
4.25	Battery-Operated Toys	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	Pass
5.16	Promotional Materials	<u>Pass</u>
6	Instructional Literature	
6.5	Battery-Operated Toys	<u>Pass</u>
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
8.10	Compression Test	<u>Pass</u>

** Visual Examination



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Detail of test result:

ASTM F963-17, Clause 4.2 – Flammability Test Flammability Test on Solid

Sample PENGUIN MUSICAL WOBBLER BABY DRUM Burning Rate (inch/sec) DNI

DNI=DID NOT IGNITE

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.

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

Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

Notes:

- Note 1: 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: item E0331 NBCN 0219 item E0333 NBCN 0119
- Tracking label found on the surface of the product: item E0331 NBCN 0219 item E0333 NBCN 0119
- Note 2: 1) 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.
 - 2) City and State, or administrative state shall be also provided for the source (location) information.



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Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA19-132277.001	Lt.green coating on plastic
SN2	SHA19-132277.002	Orange coating on plastic
SN3	SHA19-132277.003	Red coating on plastic
SN4	SHA19-132277.004	Dk.blue coating on plastic
SN5	SHA19-132277.005	Black coating on plastic
SN6	SHA19-132277.006	Brown coating(On wood)
SN7	SHA19-132277.007	Lt.blue ABS body
SN8	SHA19-132277.008	Dk.blue ABS wing
SN9	SHA19-132277.009	White ABS body
SN10	SHA19-132277.010	Natural colored solidwood
SN11	SHA19-132277.011	Lt.blue coating(On wood)
SN12	SHA19-132277.012	Transparent coating(On wood)
SN13	SHA19-132277.013	Yellow coating(On wood)
SN14	SHA19-132277.014	Red ABS base
SN15	SHA19-132277.015	Natural colored plywood
SN16	SHA19-132277.016	White ABS body +Lt.blue ABS body
SN17	SHA19-132277.017	Red ABS base+Dk.blue ABS wing
SN18	SHA19-132277.018	Black coating with white ABS body+Orange coating with white
		ABS body+Red coating with white ABS body
SN19	SHA19-132277.019	Lt.green coating with white ABS body+Dk.blue coating with white ABS body
SN20	SHA19-132277.020	Brown coating(On wood)+Lt.blue coating(On wood)
SN21	SHA19-132277.021	Transparent coating(On wood)+Yellow coating(On wood)

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

<u>American Society for Testing and Materials –ASTM F 963-17– total Lead in paint and similar</u> <u>surface-coating materials</u>

Test Method : With reference to CPSC-CH-E1003-09.1, analysis was performed by AAS.

<u>Test Item(s)</u>	Limit	<u>Unit</u>	<u>MDL</u>	<u>018</u>	<u>019</u>	<u>020</u>
Total Lead (Pb)	90	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u> Total Lead (Pb)	<u>Limit</u> 90	<u>Unit</u> mg/kg	<u>MDL</u> 20	<u>021</u> ND		



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Lead (Pb)(Non-Metal)

Test Method : With reference to US EPA 3052:1996, analysis was performed by ICP-OES.

<u>Test Item(s)</u> Lead (Pb) Conclusion	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>010</u> ND PASS	<u>015</u> ND PASS	<u>016</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	Limit 40	<u>Unit</u> mg/kg	MDL 2	<u>017</u> ND PASS	<u>018</u> ND PASS	<u>019</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 40	<u>Unit</u> mg/kg	MDL 2	<u>020</u> ND PASS	<u>021</u> ND PASS	

Notes :

The maximum permissible limit is quoted from the client requirement.

Part 1303, Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A. requirement-Lead

Test Method : With reference to CPSC Test Method: CPSC-CH-E1003-09.1, analysis was performed by AAS.

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	Unit %	<u>MDL</u> 0.002	<u>018</u> ND PASS	<u>019</u> ND PASS	<u>020</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>021</u> ND PASS		

<u>American Society for Testing and Materials – ASTM F 963-17 – total Lead in Substrate</u> <u>Materials(Non-Metal)</u>

Test Method : With reference to CPSC-CH-E1002-08.3. Analysis was performed by AAS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>010</u>	<u>015</u>	<u>016</u>
Total Lead (Pb)	100	mg/kg	20	ND	ND	ND
<u>Test Item(s)</u> Total Lead (Pb)	<u>Limit</u> 100	<u>Unit</u> mg/kg	<u>MDL</u> 20	<u>017</u> ND		





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<u>American Society for Testing and Materials – ASTM F 963-17 – soluble Heavy Metal for paint and similar surface-coating materials/ Substrate Materials</u>

Test Method : With reference to ASTM F 963-17 (Clause 8.3), analysis was performed by ICP-OES.

<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 2.5 10 5 5 5 10	<u>001</u> - - - - - - - - -	<u>002</u> - - - - - - -	<u>003</u> - - - - - - - -
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 2.5 10 5 5 5 10	<u>004</u> - - - - - - -	<u>005</u> - - - - - - -	<u>006</u> - - - - - - -
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 5 2.5 10 5 5 5 10	007 ND ND ND ND ND ND ND	008 ND ND ND ND ND ND ND	009 ND ND ND ND ND ND ND
<u>Test Item(s)</u> Soluble Lead (Pb) Soluble Antimony (Sb) Soluble Arsenic (As) Soluble Barium (Ba) Soluble Cadmium (Cd) Soluble Chromium (Cr) Soluble Mercury (Hg) Soluble Selenium (Se)	Limit 90 60 25 1000 75 60 60 500	Unit mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	MDL 5 5 2.5 10 5 5 5 10	010 ND ND ND ND ND ND ND	011 ND ND ND ND ND ND ND	012 ND ND ND ND ND ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>013</u>	<u>014</u>	<u>015</u>		
Soluble Lead (Pb)	90	mg/kg	5	-	ND	ND		
Soluble Antimony (Sb)	60	mg/kg	5	-	ND	ND		
Soluble Arsenic (As)	25	mg/kg	2.5	-	ND	ND		
Soluble Barium (Ba)	1000	mg/kg	10	-	ND	ND		
Soluble Cadmium (Cd)	75	mg/kg	5	-	ND	ND		
Soluble Chromium (Cr)	60	mg/kg	5	-	ND	ND		
Soluble Mercury (Hg)	60	mg/kg	5	-	ND	ND		
Soluble Selenium (Se)	500	mg/kg	10	-	ND	ND		

Notes :

(1) Results shown are of the adjusted analytical results

(2) Mass of trace amount of sample 011 is 19.6mg, sample 012 is 51.5mg.

(3) As received, the test portion of samples 001~006, 013 from one whole sample are less than 10mg, therefore such components were not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions

CPSIA section 101(f) - Lead in paint/similar surface coating material

Test Method : CPSC Test Method: CPSC-CH-E1003-09.1' Standard Operation Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings'

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>018</u> ND PASS	<u>019</u> ND PASS	<u>020</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.009	<u>Unit</u> %	<u>MDL</u> 0.002	<u>021</u> ND PASS		

CPSIA section 101(a)(2) - Lead in accessible substrate materials(Non-Metal)

Test Method : CPSC Test Method: CPSC-CH-E1002-08.3 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product'

<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>010</u> ND PASS	<u>015</u> ND PASS	<u>016</u> ND PASS
<u>Test Item(s)</u> Lead (Pb) Conclusion	<u>Limit</u> 0.01	<u>Unit</u> %	<u>MDL</u> 0.002	<u>017</u> ND PASS		

Notes :

(1) Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)





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Remark:

For method of CPSC-CH-E1003-09.1/CPSC-CH-E1002-08.3: Composite test has been performed and the result is calculated using the minimum sample weight.

For Others: Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.

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