

Test Report

Report No.: TLSZF00065404b

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Applicant : CARPENTERS MANUFACTORY LIMITED
Address : HUANG JIN JI INDUSTRIAL ZONE, SHANG JIE VILLAGE, QI SHI TOWN,
DONGGUAN CITY, GUANGDONG PROVINCE, P.R.CHINA

Report on the submitted sample(s) said to be:

Sample Name : Wooden teether-Hippo/Giraffe/Elephant/Whale/Triangle/Square/
Rotundity/Pentagon
Item/Lot No. : ET2D01/ET2D02/ET2D03/ET2D04/ET2D05/ET2D06/ET2D07/
ET2D08
Manufacturer : Carpenters Manufactory Limited
Quantity of Sample : 2pcs/style
Country of Origin : CHINA
Exported to : U.S.A
Client Specified Age Grading : 0+
Labeled Age Grading : 0+
Age Group Applied in Testing : All ages
Sample Received Date : May 06, 2013
Sample Resubmission Date : May 10, 2013
Sample Tested Date : May 06, 2013 to May 14, 2013

Test Conducted:

As requested by the applicant, for details refer to next page(s)

Tested by Lily Li

Reviewed by Forhan Zhang

Approved by Victor Wang

Date 2013-05-14

Victor Wang
Lab Manager

No. 1622562200



Centre Testing International (Shenzhen) Co., Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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Executive Summary:

TEST REQUEST

CONCLUSION

- 1) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)
 - Lead in surface-coatings and similar materials of children's products
 - Lead in substrate materials of children's products
 - Phthalates in children's toys and child care articles
- 2) Consumer Product Safety Commission 16 CFR Ch.II
 - Part 1303 – Ban of Lead in paint and similar surface coating
- 3) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety
 - Mechanical and Physical test
- Clause 4.2 Flammability of toys
- Clause 4.3.5 Heavy elements – Total Lead content
- Clause 4.3.5 Heavy elements – Migration of certain elements
- 4) California proposition 65 settlements
 - Lead content test
 - Phthalates test

N/A

N/A

N/A

N/A

PASS

(Ex. Clause 7.1)

PASS

N/A

N/A

N/A

N/A

N/A = Not Applicable

***** For Further Details, Please Refer To the Following Page(s) *****

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1) US CPSIA WITH AMENDMENT (H.R.2715)

▼ Lead in surface-coating and similar materials of children's products.....N/A

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA) and 16 CFR Ch.II part 1303 of Consumer Product Safety Commission of U.S.A, method CPSC-CH-E1003-09 was used and total lead content was determined by ICP-OES and/or AAS.

N/A = Not Applicable (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

▼ Lead in substrate materials of children's products.....N/A

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA), method(s) CPSC-CH-E1001-08.1/CPSC-CH-E1002-08.1 were used and total lead content was determined by ICP-OES and/or AAS.

N/A= Not Applicable (As received, there was no other material(s) in the submitted sample(s) exclude those determined by CPSC do not contain lead over the requirement of CPSIA, so there is no need to conduct this test.)

▼ Phthalates in children's toys and childcare articles.....N/A

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA), method CPSC-CH-C1001-09.3 was used and phthalates were determined by gas chromatograph with mass spectrometry (GC-MS).

N/A = Not Applicable (as received, The submitted sample did not contain any high risk materials reasonably contain phthalates, thus, phthalates test was not applicable to conduct.)

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2) CONSUMER PRODUCT SAFETY COMMISSION 16 CFR CH.II

▼ Total Lead content.....N/A

As specified in CPSC 16 CFR CH.II part 1303, method CPSC-CH-E1003-09 was used and total Lead content was determined by ICP-OES and/or AAS.

N/A = **Not Applicable** (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

3) ASTM F963-11

▼ Mechanical and Physical test

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	Pass
4.6	Small Objects.....	Pass
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.18	Holes, Clearance, and Accessibility of Mechanisms.....	N/A
4.22	Teethers and Teething Toys.....	Pass
5.	Safety Labeling Requirements	
5.2	Age Grading Labeling.....	Pass
5.16	Promotional Materials.....	Pass
6.	Instructional Literature	
6.1	Definition and description	Pass
7.	Producers Markings	
7.1	Producers Markings.....	See Remark
Remark: It is drawn to your attention that either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor.		
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test	Pass
8.8	Torque Test.....	Pass

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8.9 Tension Test..... Pass

N/A = Not Applicable

Note:

- Only applicable clause(s) was/were shown.

▼ Clause 4.2 Flammability of toys

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

Flammability Test on Solid

<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
DNI	0.1

-- DNI = Did Not Ignite

Note:

- Only applicable clause(s) was/were shown.

▼ Heavy elements test - Total Lead content.....N/A

As specified in ASTM F963-11 standard consumer safety specification for toy safety clause 4.3.5, acid digestion methods specified in clause 8.3 were used and total Lead content was determined by ICP-OES and/or AAS.

N/A = Not Applicable (as received, no paint or similar surface-coating material, and no substrate material excluding those listed in 16 CFR 1500.88 or 16 CFR 1500.91 was presented on the submitted sample(s), so it is not applicable to the requirement of the standard's requirement.)

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▼ **Heavy elements test - Migration of certain elements**.....N/A

As specified in ASTM F963-11 standard consumer safety specification for toy safety clause 4.3.5, acid extraction methods specified in clause 8.3 were used and toxic elements content were determined by ICP-OES.

N/A = Not Applicable

4) CALIFORNIA PROPOSITION 65 SETTLEMENTS

▼ **Lead content test**.....N/A

With reference to concerned California proposition 65 settlements, acid digestion method was used and total Lead content was determined by ICP-OES and/or AAS.

N/A = Not Applicable

▼ **Phthalates test**.....N/A

With reference to concerned California Proposition 65 settlements, solvent extraction method was used and phthalates were determined by gas chromatograph with mass spectrometer (GC-MS).

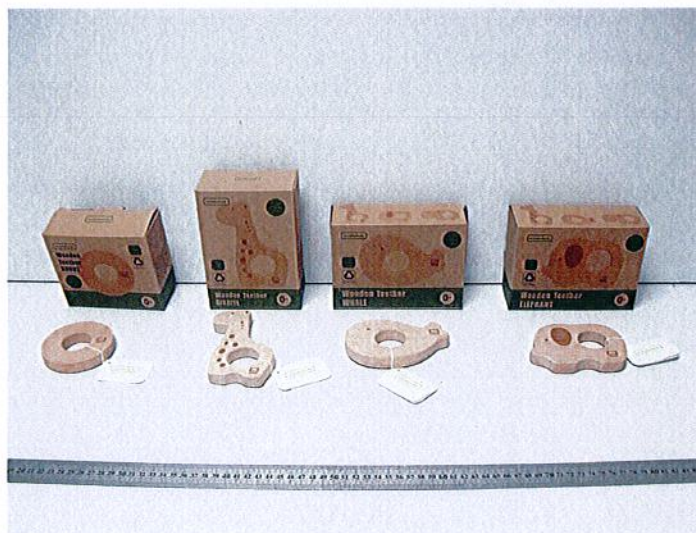
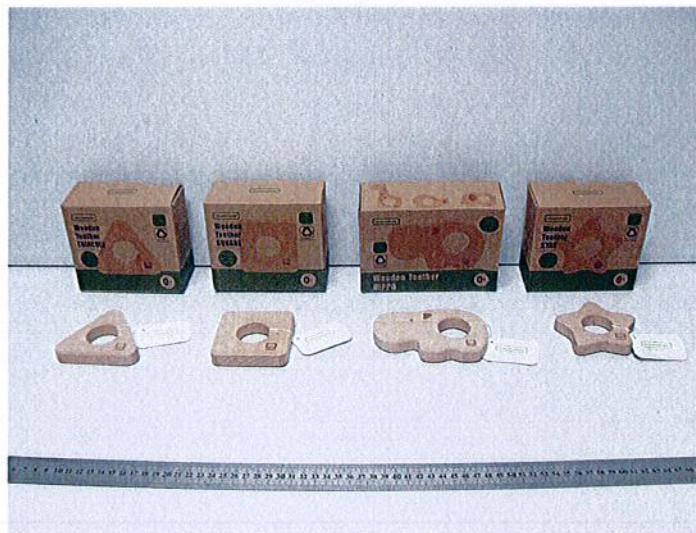
N/A = Not Applicable

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Photo of the sample



*** End of Report ***

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