

GWSTC Test Report

Date: 2014-01-02

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NO: GP158791

APPLICANT: (Code: CML001)

Carpenters Manufactory Limited
Huang Jin Ji Industrial Zone
Shang Jie Village, Qi Shi Town
Dongguan City, Guangdong Province
China

Attn: Candy

DESCRIPTION OF SAMPLE(S):

One (1) style, two (2) pieces of submitted sample (photo attached at Appendix A) said to be:
ICE CREAM PLAYSET
ITEM NO.: RP0C03
COUNTRY OF ORIGIN: CHINA
COUNTRY OF DESTINATION: EUROPEAN, USA
SUPPLIER/MANUFACTURER: CARPENTERS MANUFACTORY LIMITED

CONCLUSION:

Toys Regulations SOR/2011-17 under Canada Consumer Product Safety Act – Physical and Mechanical Test

Apart from clause 3, the submitted sample complied with the test requirement.

Toys Regulations SOR/2011-17 under Canada Consumer Product Safety Act – Flammability Test

The submitted sample complied with the test requirement.

Toys Regulations SOR/2011-17 under Canada Consumer Product Safety Act – Toxic element content

The submitted sample complied with the test requirement.


Consumer Products Containing Lead (Contact with mouth) Regulations SOR/2010-273 under Canada Consumer Product Safety Act


The submitted sample complied with the test requirement.

Phthalates Regulation SOR/2010-298 under Canada Consumer Product Safety Act: Phthalates content

This requirement was not applicable to the submitted sample.

Approved Signatory:


Feng Jun Guo
Lab Manager


Ellen, Xiao Wan Li
General Manager

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguanzhuang Road, Tianhe District, Guangzhou, China (Zip Code: 510610)
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DATE OF SAMPLES RECEIVED:

2013-11-26

INVESTIGATIONS REQUESTED:

Toys Regulations SOR/2011-17 under Canada Consumer Product Safety Act

- Physical and mechanical tests
- Flammability tests
- Toxic elements content
- Total lead content
- Phthalates content

DATE TESTED:

2013-11-26 to 2013-12-31

AGE GRADING:

The sample did not contain any age grade; however, the applicant requested it to be tested according to the age grade of 36 months and up;

AGE GRADING FOR TESTING:

36 months and up.

TEST RESULTS:

1. Physical and mechanical tests
Ref.: Toys Regulations SOR/2011-17, Canada Consumer Product Safety Act

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
3	Official languages	*
	<u>Mechanical hazards</u>	----
10	Plastic edges	Pass
11	Wood	Pass
21	Cellulose nitrate detection	See 2.1

* = The Toys Regulation Stated that: 'Any written statement or warning required by the these Regulations must appear in both English and French'.
No French / English information was found on the tested sample.

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Use and abuse testing:

<u>Applicable</u>	<u>Description</u>
<u>Clause</u>	
Schedule 1 M00.1	Small parts cylinder
M00.2	Sharp edges
M00.3	Sharp points
M01.1	Reasonable foreseeable use
	Drop test
	Push/pull test

2. Flammability Tests

2.1 Cellulose nitrate detection

Ref.: Toys Regulations SOR/2011-17, section 21

Result: not detected.

3. Toxic elements analysis

Ref.: Toys Regulations SOR/2011-17, section 23

Method used: Inductively Coupled Plasma-Optical Emission Spectrometer

3.1 Total lead and mercury analysis

Paint materials (on dried film) (see Remark 1)

- (a) Bright red (A1Y)
- (b) Orange (A2Y)
- (c) Light yellow (A3Y)
- (d) Dark yellow (A4Y)
- (e) Dark green (A5Y)
- (f) Light green (A6Y)
- (g) Light blue (A8Y)
- (h) Dark brown (A10Y)

	<u>(a)~(h)</u>	<u>Limit</u>
Total lead.....	<10mg/kg	90mg/kg
Total mercury.....	ND	ND

ND = Not detected (<1mg/kg)

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3.2 Soluble toxic elements analysis

Coating materials

- (a) Ice cream playset: bright red (A1Y) (see Remark 2)
- (b) Ice cream playset: orange (A2Y) (see Remark 2)
- (c) Ice cream playset: light yellow (A3Y) (see Remark 2)
- (d) Ice cream playset: dark yellow (A4Y) (see Remark 3)
- (e) Ice cream playset: dark green (A5Y) (see Remark 3)
- (f) Ice cream playset: light green (A6Y) (see Remark 2)
- (g) Ice cream playset: light blue (A8Y) (see Remark 3)
- (h) Ice cream playset: dark brown (A10Y) (see Remark 3)

Wooden materials (see Remark 2)

- (i) Ice cream playset: flesh wood
- (j) Ice cream playset: light flesh plywood

	<u>(a)~(j)</u>	<u>Limit</u>
Soluble antimony.....	<0.0025%	0.1%
Soluble arsenic.....	<0.0025%	0.1%
Soluble barium.....	<0.0025%	0.1%
Soluble cadmium.....	<0.0025%	0.1%
Soluble selenium.....	<0.0025%	0.1%

4. Total lead content in mouth-contact articles

Ref.: Consumer Products Containing Lead (Contact with mouth) Regulations SOR/2010-273

Method used: Inductively Coupled Plasma-Optical Emission Spectrometer

Wooden materials (see Remark 2)

- (a) Ice cream playset: flesh wood
- (b) Ice cream playset: light flesh plywood

	<u>(a)~(b)</u>	<u>Limit</u>
Total lead.....	<10mg/kg	90mg/kg

5. Phthalates content

Ref.: Toys Regulations SOR/2011-17, section 27(3d) and Phthalates Regulation SOR/2010-298

Method used: Gas Chromatography Mass Spectrometer

Test not applicable.

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Remark 1:

The test results are transferred from the test report GP158736 which issued on 2013-11-26.

Remark 2:

The test results are transferred from the test report GP158739 which issued on 2013-11-29.

Remark 3:

The test results are transferred from the test report GP158773 which issued on 2013-12-18.

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Appendix A



PHOTOGRAPH(S) OF THE SAMPLE

***** End of Document *****

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