



Test Report

Report No: BSTDG1709784330005RR-4

Date: Sep. 22, 2017

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Applicant : SHENZHEN WANG RUI DA TECHNOLOGY CO., LTD

Address : Room 406, Block 4, 1980 Culture Park, Mingxing Rd.
Shenzhen, Guangdong, China, 518000

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : INNOCHEER kids musical instruments - Xylophone Set

Sample Model : KMY-02

Sample Received Date : Sep. 17, 2017

Testing Period : Sep. 17, 2017 To Sep. 22, 2017

Test Requested : As specified by client, for compliance with Food and Drug Administration Regulations for determining the amount of total extractives from polypropylene articles intended for repeated use.

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Signed for and on behalf of

Andy Zheng/ Technical Director

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Sample Description :

No.	Description	Name
1	Green PE	Green Plastic
2	Yellow PE	Yellow Plastic
3	Red PE	Red Plastic
4	Iron	Bell
5	Iron	Silver Metal
6	Wood	Wood
7	Blue PE	Blue Plastic

Test Result: No.1

Test Method: As specified in FDA 21 CFR 177.1520.

Test item	Test method	Result	Limit
Density	ASTM D1505-68	0.912 g/cm ³	0.880-0.913 g/cm ³

Simulant Used	Test Condition	Result Total Migration (%)	Maximum Permissible Limit (%)
n-Hexane	2 hours at reflux temperature	0.1	6.4
Dimethylbenzene	2 hours at 25 °C	0.2	9.8

Note: % = percent by weight

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Dongguan BST Testing Co., Ltd.

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen District, Tel:400-880-2056 Fax:86-769-23020106
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Test Result: No.2

Test Method: As specified in FDA 21 CFR 177.1520.

Test item	Test method	Result	Limit
Density	ASTM D1505-68	0.900 g/cm ³	0.880-0.913 g/cm ³

Simulant Used	Test Condition	Result Total Migration (%)	Maximum Permissible Limit (%)
n-Hexane	2 hours at reflux temperature	0.2	6.4
Dimethylbenzene	2 hours at 25 °C	0.3	9.8

Note: % = percent by weight

Test Result: No.3

Test Method: As specified in FDA 21 CFR 177.1520.

Test item	Test method	Result	Limit
Density	ASTM D1505-68	0.908 g/cm ³	0.880-0.913 g/cm ³

Simulant Used	Test Condition	Result Total Migration (%)	Maximum Permissible Limit (%)
n-Hexane	2 hours at reflux temperature	0.2	6.4
Dimethylbenzene	2 hours at 25 °C	0.3	9.8

Note: % = percent by weight

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Test Result: No.4

Test Method: As specified in FDA CFR 175.300

Simulant Used	Test Condition	Result Total Migration (mg/in ²)	Maximum Permissible Limit (mg/in ²)
Heptane	120°F , 30 min	0.5	1.8
8% alcohol	70°F , 48 h	0.3	1.8
Water	70°F , 48 h	0.4	1.8

Test Result: No.5

Test Method: As specified in FDA CFR 175.300

Simulant Used	Test Condition	Result Total Migration (mg/in ²)	Maximum Permissible Limit (mg/in ²)
Heptane	120°F , 30 min	0.4	1.8
8% alcohol	70°F , 48 h	0.2	1.8
Water	70°F , 48 h	0.2	1.8

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Test Result: No.6

PCP

Test Method: With reference to EPA 3540C:1996

Test item	Unit	Result	MDL
PCP	mg/kg	N.D.	0.05

Test Result: No.7

Test Method: As specified in FDA 21 CFR 177.1520.

Test item	Test method	Result	Limit
Density	ASTM D1505-68	0.989 g/cm ³	0.880-0.913 g/cm ³

Simulant Used	Test Condition	Result Total Migration (%)	Maximum Permissible Limit (%)
n-Hexane	2 hours at reflux temperature	0.3	6.4
Dimethylbenzene	2 hours at 25 °C	0.2	9.8

Note: % = percent by weight

- Note:**
1. mg/kg= ppm
 2. N.D.=Not Detected(<MDL)
 3. MDL =Method Detection Limit

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Sample Photo:



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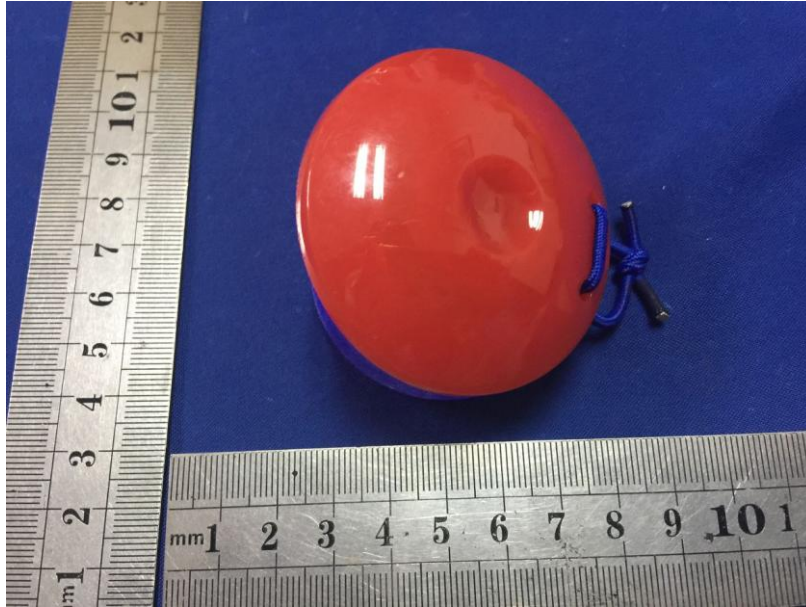


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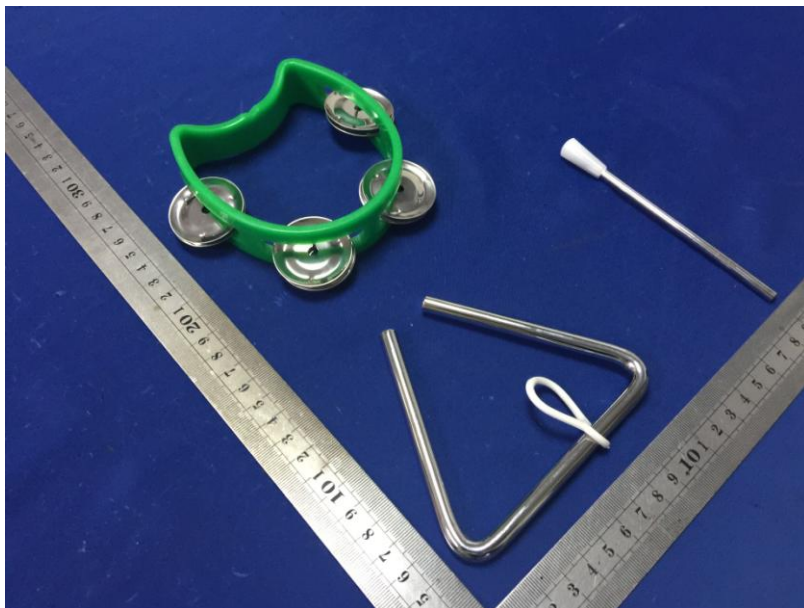


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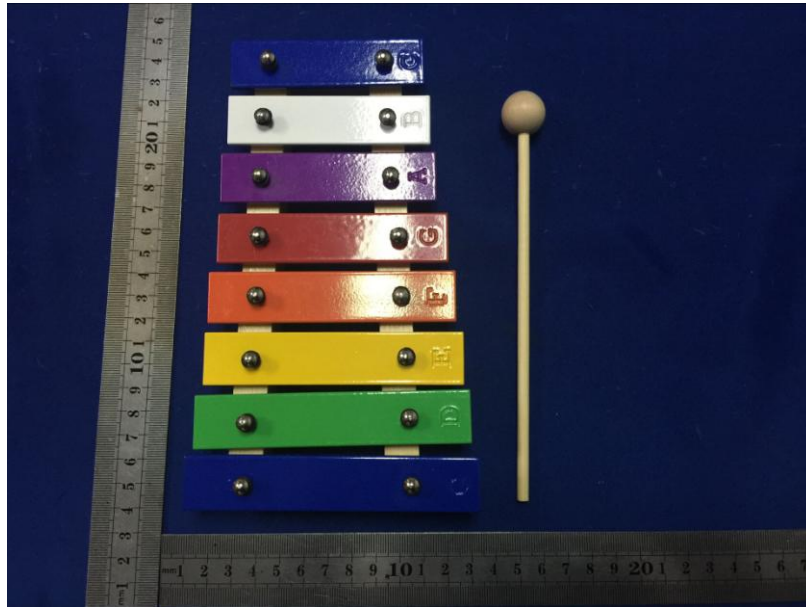


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*** End of Report ***

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