

Mechanical & Hardgoods Laboratory

Report No: HY/2015/70201A

Page: 1 of 5 Date: 2015/08/20

Chao Zhi Co., Ltd.

No. 198, Huantai E. Rd., Taiping Dist., Taichung City 411, Taiwan (R.O.C)

The following merchandise was submitted & identified by the applicant as:

Type of Product: Y.C.Z. WISDOM BALL
Style/Item No: YCZ103, YCZ102, YCZ101

Manufacturer/Vendor: Chao Zhi Co., Ltd.

Country of Origin: Taiwan

<u>Labeled Age Grading:</u> Not Stated

Requested Age Grading: 5+

Age group Applied in Testing: 5 years and up

<u>Date of Sample received:</u> 2015/06/30 & 2015/07/23

Testing period: 2015/07/01 - 07/09 & 2015/07/23 - 07/24

We have tested the submitted sample(s) as requested and the following results were obtained: Test Requested:

For compliance with the Physical & Mechanical, Flammability, Heavy Elements test requirements of ASTM F963-11 Standard Consumer Safety Specification on Toy Safety (Excluding clause 5 and 7)

Results:

Please refer to next page(s)

Conclusion:

The submitted samples **comply with** the requested test requirements.

* This report is combined with report of HY/2009/70003 *

Note: This report supersedes the previous one bearing Report No: HY/2015/70201, issued on 2015/07/24

Signed for and on bel SGS Taiwan Ltd.

Iris Huang Asst. Manager

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SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 No.127, Wu Kung Road, New Taipei Industrial Park, New Taipei City, Taiwan /新北市新北產業園區五工路 127 號 t (886-2) 2299-3279 f (886-2) 2299-2920 www.tw.sgs.com



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Test Results:

As specified in ASTM F963-11 Standard Consumer Safety Specification on Toy Safety

Clause	<u>Description</u>	Result
4.1	Material**	<u>PASS</u>
4.2	Flammability	<u>PASS</u>
4.3.5	Heavy Elements	
	4.3.5.1 Paint and Similar Surface-Coating Material	<u>PASS</u>
		(See Note 1)
	4.3.5.2 Toy Substrate Materials	<u>PASS</u>
		(See Note 2)
4.6	Small Objects - 16 CFR 1501	<u>PASS</u>
4.7	Accessible Edges - 16 CFR 1500.49	<u>PASS</u>
4.9	Accessible Points - 16 CFR 1500.48	<u>PASS</u>
4.18	Holes, Clearance, and Accessibility of Mechanisms	<u>PASS</u>
5	Safety Labeling Requirements	EXCLUDED
7	Producer's Marking	EXCLUDED

^{**}Visual Examination

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.

N.B.:-Only applicable clauses were shown

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Note 1: Heavy Elements (Clause 4.3.5)

Paint and Similar Surface-Coating Materials (Clause 4.3.5.1)						
	Test items	<u>Unit</u>	MDL	<u>1</u>		<u>Limit</u>
	Total Lead (Pb)	mg/kg	2	3.83		90
	Soluble Antimony (Sb)	mg/kg	5	N.D.		60
	Soluble Arsenic (As)	mg/kg	2.5	N.D.		25
	Soluble Barium (Ba)	mg/kg	10	N.D.		1000
	Soluble Cadmium (Cd)	mg/kg	5	N.D.		75
	Soluble Chromium (Cr)	mg/kg	5	N.D.		60
	Soluble Lead (Pb)	mg/kg	5	N.D.		90
	Soluble Mercury (Hg)	mg/kg	5	N.D.		60
	Soluble Selenium (Se)	mg/kg	5	N.D.		500

Note 2:

Toy Substrate Materials (Clause 4.3.5.2)								
<u>Test items</u>	<u>Unit</u>	MDL	<u>2~13</u>	<u>14</u>	<u>15~17</u>		<u>Limit</u>	
Total Lead (Pb)	mg/kg	2		18.0	N.D.		100	
Soluble Antimony (Sb)	mg/kg	5	N.D.				60	
Soluble Arsenic (As)	mg/kg	2.5	N.D.				25	
Soluble Barium (Ba)	mg/kg	10	N.D.				1000	
Soluble Cadmium (Cd)	mg/kg	5	N.D.				75	
Soluble Chromium (Cr)	mg/kg	5	N.D.				60	
Soluble Lead (Pb)	mg/kg	5	N.D.				90	
Soluble Mercury (Hg)	mg/kg	5	N.D.				60	
Soluble Selenium (Se)	mg/kg	5	N.D.				500	

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Description:

- 1. Golden colored coating of sample.
- 2. Lt. green plastic of sample.
- 3. Purple plastic of sample.
- 4. Lt. red plastic of sample.
- 5. Pink plastic of sample.
- 6. Lt. blue plastic of sample.
- 7. Yellow plastic of sample.
- 8. White plastic of sample. (inside)
- 9. Red plastic of sample.
- 10. White plastic of sample.
- 11. Green plastic of sample.
- 12. Blue plastic of sample.
- 13. Black plastic of sample.
- 14. Composite of lt. green, purple, lt. red plastic of sample.
- 15. Composite of pink, lt. blue, yellow plastic of sample.
- 16. Composite of white, red, white (inside) plastic of sample.
- 17. Composite of green, blue, black plastic of sample.

NOTE:

- 1. mg/kg = ppm
- 2. N.D. = Not Detected
- 3. MDL = Method Detection Limit
- 4. The chemical analysis was conducted in SGS Taiwan Ltd. Chemical Laboratory-Taipei

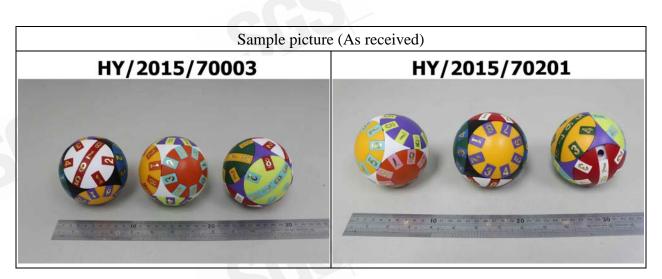
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** End of Report **

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