

Test Report

1607134

Date : 9-Mar-2009

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**Client : Balls R Us Co.,Ltd.
3/6 Moo 9, Phuthamonthon 7 Rd.,
Ta-ta-lard,Sampran Nakornpathom 73110 Thailand**

The following sample(s) was/were submitted and identified by client as:

Sample Description : Baseball Bat
 Sample No. : 1638643
 Sample Condition : As per attached photograph
 Manufacturer/Vendor : Balls R Us
 Country of Origin : Thailand
 Country of Destination : Worldwide
 Label Age Grading : 3 Years Up
 Date Received : 3-Mar-2009 Date Commenced : 3-Mar-2009

Test Results : Please see the attached sheet.

CONCLUSION

1. The submitted sample comply with the requirement of the European Standard EN 71 : 2005 + A6 : 2008 (E) : Part 1 : Mechanical and physical properties.(Except clause 6,7)
2. The submitted sample comply with the requirement of the European Standard EN 71 : 2006 + A1 : 2007 (E) : Part 2 : Flammability
- 3.The submitted sample comply with the requirement of the European Standard EN 71: 1994 + A1 : 2000 : Part 3 : Migration of certain elements.

**Signed for and on behalf of
SGS (Thailand) Limited**



**Pornpana Lirathpong
Hardlines Testing Manager**

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

TEST RESULTS

EN 71 : 2005 + A6 : 2008 (E) : Part 1 : Mechanical and Physical Properties

Clause	Description	Results
4	General requirements	
4.1	Material**	PASS
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
5	Toys intended for children under 36 months	
5.1	General requirements (No small part was found before and after abuse test)	PASS
6	Packaging	N/P
7	Warnings and instructions for use	N/P***

Remark : 1. Only applicable clauses were shown.
 2. N/P = Not provided by client.
 3. ** = Visual examination only.
 4. *** = Warning and instructions for use.

(7.1 General Requirements : It is drawn to your attention that the toy or its packaging shall bear the name and address of the manufacturer or his authorised representative or importer into the European Community in a visible, easily legible and indelible form together with CE-marking as declaration of conformity with the safety requirements of the directive.)

EN 71 : 2006 + A1 : 2007 (E) : Part 2 : Flammability

Clause	Description	Results
4.1	General	PASS

Remark : Only applicable clauses were shown.

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TEST RESULTS

EN 71 Part 3: 1994 + A1 : 2000 - Migration of certain elements

CHEMICAL ANALYSIS - Heavy metal content in the submitted samples were determined by inductively coupled argon plasma spectrometry

Results of sample from toy as below : -

Sample (1) Yellow foam with blue screen

Analysis		Results (mg/kg) Sample (1)	Limit (mg/kg)
Chromium (Cr)	(Soluble)	<3.5	60
Cadmium (Cd)	(Soluble)	<3.5	75
Barium (Ba)	(Soluble)	<3.5	1000
Mercury (Hg)	(Soluble)	<2.5	60
Arsenic (As)	(Soluble)	<10	25
Selenium (Se)	(Soluble)	<10	500
Antimony (Sb)	(Soluble)	<10	60
Lead (Pb)	(Soluble)	<3.5	90

Remark : 1. Results shown are based on the total weight of dry sample.

2. Results shown are adjusted analytical results.

3. < = Less than

4. 1 mg/kg = 1 ppm (part per million) = 0.0001%

***** End of Report *****

"Test(s) marked * on this Report are not included in the TISI Accreditation Scope for our Laboratory"

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SAMPLE/ATTACHMENT PICTURE



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