

**Test Report**

1607136

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 : Hockey Stick (Red Head/ Beige Shaft)  
 Sample No. : 1638647  
 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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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	PASS
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) Clear plastic
- Sample (2) Cream plastic stick
- Sample (3) Black/white sticker
- Sample (4) Red plastic

Analysis		Results (mg/kg)			Limit (mg/kg)
		Sample (1)	Sample (2)	Sample (3)	
Chromium (Cr)	(Soluble)	<3.5	<3.5	<3.5	60
Cadmium (Cd)	(Soluble)	<3.5	<3.5	<3.5	75
Barium (Ba)	(Soluble)	<3.5	<3.5	<3.5	1000
Mercury (Hg)	(Soluble)	<2.5	<2.5	<2.5	60
Arsenic (As)	(Soluble)	<10	<10	<10	25
Selenium (Se)	(Soluble)	<10	<10	<10	500
Antimony (Sb)	(Soluble)	<10	<10	<10	60
Lead (Pb)	(Soluble)	<3.5	<3.5	<3.5	90

Analysis		Results (mg/kg)	Limit (mg/kg)
		Sample (4)	
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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