



## Test Report

No. 019359:033275

Date: February 3, 2009

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**MoonRacer / DJUBI**  
**PO Box 1612**  
**Lake Junaluska, NC**  
**United States 28745**

Attn: Dave Yearick

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

**Racquet and Ball Game**  
**Color: White and Orange**

Sample Received Date:

**1/21/2009**

Testing Period

**1/30/2009 – 2/3/2009**

**Test Requested:**

- 1) To determine the Lead Content in the submitted sample.
- 2) To determine the phthalate content (DBP, BBP, DEHP, DINP, DNOP & DIDP) in the submitted sample.

**Test Method:**

- 1) With reference to Acid Digestion per EPA 3050B. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
- 2) With reference to ASTM D3421:1975. Analysis was performed by Gas Chromatograph / Mass Spectrometer (GC/MS).

**Test Results:**

See page 2.

Signed for and on behalf of SGS US Testing Co.

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Diane Santino  
Manager, Chemistry Laboratory

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**1) Test Results : Total Lead Content (unit: mg/kg = ppm):**

Sample Component Tested	Lead Content (ppm)	MDL	Permissible Limit **	Conclusion
Orange Foam Ball	ND	2 ppm	300 ppm	Pass
Blue Elastic Band	ND	2 ppm	300 ppm	Pass
Blue Foam in Center of Ball	ND	2 ppm	300 ppm	Pass
White Plastic Base of Racquet	ND	2 ppm	300 ppm	Pass
White Net Composite	ND	2 ppm	300 ppm	Pass
Orange Handle Grip	ND	2 ppm	300 ppm	Pass
Orange/Blue/White Stickers Composite	ND	2 ppm	300 ppm	Pass

\*\* Conclusion is based on the 300 ppm limit requirement, effective August 14, 2009. The requirements for lead in substrate in children's products is summarized below

Scope	Requirement	Effective date
Lead in substrate other than paint / similar surface coating material	≤ 600 ppm	February 10, 2009
	≤ 300 ppm	August 14, 2009
	≤ 100 ppm	August 14, 2011

Note: 1. ND = Not Detected, reported when the reading is less than the detection limit value.

**2.) Phthalates**

Method: With reference to ASTM D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry.

**For all Toys and childcare articles**

Test item	<u>1</u>	<u>2</u>	<u>3</u>	Permissible Limit
Dibutyl Phthalate (DBP)	ND	ND	ND	0.1%
Benzylbutyl Phthalate (BBP)	ND	ND	ND	0.1%
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.0579	0.0010	ND	0.1%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

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**For all Toys that can be placed in the mouth and childcare articles**

Test item	<u>1</u>	<u>2</u>	<u>3</u>	Permissible Limit
Diisononyl Phthalate (DINP)	ND	0.0028	ND	0.1%
Di-n-octyl Phthalate (DNOP)	ND	0.0016	ND	0.1%
Diisodecyl Phthalate (DIDP)	ND	ND	ND	0.1%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

Sample Description :

1. White Net Plastic
2. Orange/Blue/White Stickers Composite
3. Orange Ball

Note:

1. % = percentage by weight
2. ND = not detected
3. Method Detection Limit for each = 0.0005%
4. Effective Date = February 10, 2009
5. A "children's toy" means a product intended for a child 12 years of age or younger for use when playing, and a "child care article" means a product that a child 3 and younger would use for sleeping, feeding, sucking or teething.

**Sample Photo :**



SGS authenticates the photo on the original report only

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

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