

Test Report No.: 143092229a 001

Client: **JOHN N. HANSEN CO., INC.**  
369 Adrian Road, Millbrae, CA 94030-3104, U.S.A.

Test item: Toy

Identification/ Model No(s): M1335 MINI SPHERE-RING/ M1301 MINI SPHERE-RAINBOW  
HS124 HOBERMAN SPHERE-RING/ HS104 HOBERMAN SPHERE-RAINBOW

Receipt No.: 00090527184; 00090527193; Sample Receiving date: 27 May 2009;  
00090527194; 00090604178; 04 Jun. 2009;  
00090613014 13 Jun. 2009

Delivery condition: Apparent good, Samples tested as received

Test specification:

Test result:

- |  |      |
|--|------|
| 1. ASTM F963-08: Mechanical and physical | PASS |
| 2. ASTM F963-08: Flammability            | PASS |
| 3. CPSIA Sect 101: Total lead content    | PASS |
| 4. CPSIA Sect 108: Phthalates            | PASS |
| 5. CPSIA Sect 103: Tracking label        | PASS |

Other Information:

Country of Origin: China  
Country of Destination: U.S.A. & U.K.  
Appropriate age grading for testing: For ages over 3 years

Checked by:

Reviewed by:

03 Jul. 2009

  
Gary Siu/  
Assistant Project Manager  
Name/Position

Date

03 Jul. 2009

  
William To/  
Assistant Technical Manager  
Name/Position

Date

Test result is drawn according to the kind and extent of tests performed.  
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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**Material list:**

<b>Material No.</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>
1	plastic	light green	support of sphere #HB370A Plastic Ball in glow colour
2	plastic	black	support of sphere #HB370A Plastic Ball in glow colour
3	plastic	orange	support of sphere #M1335 Mini Sphere Ball
4	plastic	red	support of sphere #M1335 Mini Sphere Ball
5	plastic	light green	support of sphere #M1335 Mini Sphere Ball
6	plastic	purple	support of sphere #M1335 Mini Sphere Ball
7	plastic	blue	joint of support #M1335 Mini Sphere Ball
8	textile	black	string
9	metal	shiny silver	pin of pullery

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**ASTM F963-08 : Mechanical and physical**

Testing period: 08 Jun. 2009 – 26 Jun. 2009

<b>4.</b>	<b>Safety requirements</b>	
4.1	Material Quality (visual check)	pass
4.7	Accessible edges	pass
4.9	Accessible points	pass
4.11	Nails and fasteners	pass
<b>5</b>	<b>Labeling requirements</b>	
5.2	Age grading labeling	pass
5.16	Promotional Materials	pass
<b>6</b>	<b>Instructional literature</b>	
6.1	Definition and description	pass
<b>7</b>	<b>Producer's markings</b>	
7.1	Name and address of the producer or the distributor	pass

Testing laboratory accredited by DAP according to DIN EN ISO/IEC 17025. The accreditation is valid for the test methods stated in the certificate.

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**ASTM F963-08 : Flammability**

Testing period: 08 Jun. 2009 – 26 Jun. 2009

<b>4.2 Safety requirements</b>	pass
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**(1) Materials other than textiles**

The burning rate of the most severe part = 0.09 Inch/sec.

Note: Maximum permissible burning rate = 0.1 Inch/sec.

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### CPSIA Sect 101 : Total lead content

Testing period: 08 Jun. 2009 – 26 Jun. 2009

<b>CPSIA Sect 101</b>	<b>Total lead content</b>	pass
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(1) Total lead content (including "Paint and similar surface-coating materials" and "Accessible materials")

**Test method:** Determination of total lead content (hot plate method, with ref. to EPA 3050B, microwave assisted digestion method) (QMA 36.035.05 HKG)

Coating is scraped off for testing regardless of the amount with results calculated based on the actual sample weight

**Test result:**

Test No.	Material No	Lead content (mg/kg)
1	1	<10
2	2	<10
3	3	<10
4	4	<10
5	5	<10
6	6	<10
7	7	<10
8	8	<10
9	9	<10

Abbreviation: < denotes less than

**Remark:** According to Consumer Product Safety Improvement Act (HR 4040) which has been signed into law on 14 Aug 2008:

Effective Date	Lead content limit
180 days after enactment/10 Feb 2009	600 ppm
1 year after enactment/14 Aug 2009	300 ppm
3 years after enactment/14 Aug 2011	100 ppm
Effective Date	Lead in paint limit
1 year after enactment/ 14 Aug 2009	90 ppm (existing limit is 600 ppm)

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**CPSIA Sect 108 : Phthalates**

Testing period: 05 Jun. 2009 – 12 Jun. 2009

<b>CPSIA Sect 108</b>	<b>Phthalates</b>	pass
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Test method: Organic solvent extraction, analyzed by GCMS (QMA 36.035.13 HKG)

Test result:

	Test No.	1	2	3	4
	Material No.	1	2	3	4
Dibutyl phthalate (DBP)	%	<0.005	<0.005	<0.005	<0.005
Butyl benzyl phthalate (BBP)	%	<0.005	<0.005	<0.005	<0.005
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005	<0.005	<0.005	<0.005
Di-n-octyl phthalate (DNOP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-decyl phthalate (DIDP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-nonyl phthalate (DINP)	%	<0.005	<0.005	<0.005	<0.005

	Test No.	5	6	7
	Material No.	5	6	7
Dibutyl phthalate (DBP)	%	<0.005	<0.005	<0.005
Butyl benzyl phthalate (BBP)	%	<0.005	<0.005	<0.005
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005	<0.005	<0.005
Di-n-octyl phthalate (DNOP)	%	<0.005	<0.005	<0.005
Di-iso-decyl phthalate (DIDP)	%	<0.005	<0.005	<0.005
Di-iso-nonyl phthalate (DINP)	%	<0.005	<0.005	<0.005

Abbreviation: < denotes less than  
n.d. denotes not detect

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- Remark: \*1 Single components with an amount of <0.005% were not considered by the calculation of the sum. In the case which phthalates were not detected, the result is stated "n.d."
- \*2 Requirement according to Consumer Product Safety Improvement Act (HR 4040), which are signed by the President on 14 Aug 2008, are summarized below:

Date of Implementation	Parameter	Unit	Maximum Allowable Limit
180 days after the date of enactment/10 Feb 2009	Any children's toy or childcare article:		
	Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP) or Di-2-ethylhexyl phthalate (DEHP)	%	<0.1
	Any children's toy that can be placed in a child's mouth or childcare article:		
	Di-n-octyl phthalate (DNOP), Di-isodecyl phthalate (DIDP) or Di-isononyl phthalate (DINP)	%	<0.1

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**CPSIA Sect 103 : Tracking label**

Testing period: 08 Jun. 2009 – 26 Jun. 2009

General (Effective on 14 Aug 2009)	pass(*)
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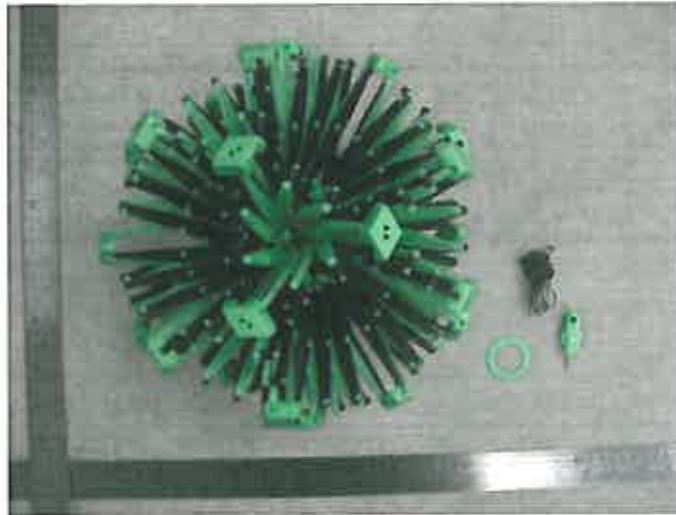
Remark: \* The manufacturer/trader/applicant has confirmed that the above information marked (\*) will be shown onto the packaging or instruction sheet and its toy itself.



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Sample photos:



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