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Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

**Test Report**

Number: HKGH0198502002

Applicant: NEAT-OH! INTERNATIONAL, LLC  
790 FRONTAGE ROAD SUITE 303  
NORTHFIELD  
IL 60093  
USA  
Attn: ALEX YIU

Date: Jul 19, 2016

Submitted sample said to be :  
Item Name : (1) A1886XX Doll - Miniclara 30cm Dangling Plush With Handbag  
: (2) A1888XX Doll - Minilina Plush 30cm Dangling  
: (3) A2261XX Doll - Mermaid (Bath Filling)  
: (4) A1891XX Doll - Minilotta Bathing Doll Girl 30cm Dangling  
: Plush  
: (5) A1948XX Set Doll Veterinarian Minilina 30cm Dangling  
: W.Accessories  
Quantity : 25 pieces  
Labelled Age Group : 2+  
Packaging Provided : Yes  
Country of Origin : China



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For and on behalf of :  
Intertek Testing Services HK Ltd.

Angel Y.F. Cheung  
Vice President





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**Conclusion:**

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) U.S. ASTM F963-11 - Physical and Mechanical tests	Pass
(2) ASTM F963-11 - Flammability Test of Materials other than textile materials	Pass
(3) ASTM F963-11 - Flammability test on textile materials	Pass
(4) ASTM F963-11 - Section 8.5.1 machine washing	Pass
(5) ASTM F963-11 - Soluble heavy elements test	Pass
(6) ASTM F963-11 - Total Lead content	Pass
(7) ASTM F963-11 - Stuffing materials - fibre / and loose filler of stuffed toys	Pass
(8) U.S. Pennsylvania Regulation Section 47.317 - Stuffing material - fibre / and non-fibre material of stuffed toys	Pass
(9) U.S. CFR Title 16 (CPSC Regulations) - mechanical and physical tests 1500.48 Sharp point 1500.49 Sharp edge 1501 Small part	Pass
(10) U.S. CFR Title 16 (CPSC Regulations) - Part 1500.3(c)(6)(vi) - Flammability test on rigid and pliable solids	Pass
(11) U.S. CFR Title 16 (CPSC Regulations) Part 1610 - Flammability Test on textile materials	Pass
(12) U.S. CFR Title 16 (CPSC Regulations) - Part 1303 - Total Lead content in surface coating	Not Applicable
U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in surface coating	Not Applicable
(13) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(14) U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 - Phthalate content	Pass

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<u>Requirement</u>	<u>Result</u>
(15) California Proposition 65 for Toys (designed for or reasonable used by children under six years of age), Consent judgment no. BG-350969 - Phthalate content	Pass
(16) California Proposition 65 for toys, Consent Judgement no. RG-356892 - Lead content	Pass
(17) Illinois Lead Poisoning Prevention Act 410 ILCS 45 - Total Lead content	Pass

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(1) Physical and Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-11

Age group for testing : For Ages over 2 years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Compression test	Section 1500.53(g)	30 lbf
Drop Test	Section 1500.53(b)	4 x 3.0 ft
Tension test	Section 1500.53(f)	15 lbf
Torque test	Section 1500.53(e)	4 in-lbf

Clause	Requirement	Assessment
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound producing toys	NA
4.6.1	Toys intended for children under 36 months of age	P
4.6.2	Mouth actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months - Small part warning	NA
4.7	Accessible edges	P
4.8	Projection	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	P
4.15	Stability and overload requirement	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag type toys	P
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA





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<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
4.35	Pompoms	NA
4.36	Hemispherical shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
5	Labeling requirements	P
6	Instructional literature	P
7	Producer's marking	
	- Name of producer / distributor	Yes
	- Address	Yes

Abbreviation :            P = Pass            NA = Not Applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 28, 2016

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(2) Flammability Test

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length (inch)</u>	<u>Time (sec)</u>	<u>Burn Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
Needle	End	3.0	60	0.05	0.10

the submitted toy samples and its accessories were tested, the above result only showed the most severe burn rate of the samples.

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 28, 2016

(3) Flammability Test on Textile Materials

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11

All fabric samples were tested and passed the requirements.

Tested Components:

- (1) Woven.
- (2) Twill.
- (3) Brushed knit.
- (4) 3mm plush.

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 24, 2016

(4) Machine Washing

Test Standard : Section 8.5.1 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11.

Age group for testing : For Ages over 2 years

Observation: After washing, neither sharp point, sharp edge nor released small parts was found on the submitted samples.

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 28, 2016

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(5) Heavy Elements Analysis

Test Method : Sections 8.3.2, 8.3.3, 8.3.4 and 8.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11, acid extraction and analysed by Inductively Coupled Argon Plasma Spectrometry.

Materials other than modelling clay:

	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(4)	(5)	(6)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)			Limit (ppm)
	(7)	(8)	(9)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

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	Result (ppm)			Limit (ppm)
	(10)	(11)	(12)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

	Result (ppm)		Limit (ppm)
	(13)	(14)	
Soluble Barium (Ba)	<5	<5	1000
Soluble Lead (Pb)	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	75
Soluble Antimony (Sb)	<5	<5	60
Soluble Selenium (Se)	<5	<5	500
Soluble Chromium (Cr)	<5	<5	60
Soluble Mercury (Hg)	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	25

ppm = parts per million = mg/kg

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).
- (8) White satin with black printing (sewn-in label).
- (9) White satin with pink printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (10) White satin with purple printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (11) White woven with pink printing (dress of minilina #A1888).
- (12) 3mm green plush with silver colour printing (body of Mermaid #A2261).
- (13) 3mm flesh colour plush with dark blue printing (body of Minilotta A1891).
- (14) White twill with light green printing (dress of Veterinarian Minilina #A1948).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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(6) Total Lead (Pb) Content

Test Method : Sections 4.3.5.1(1) and 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11, CPSC-CH-E1001-08.1, CPSC-CH-E1002-08.1 or/and CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in ppm	Limit in ppm
(1/2)	<20	100
(3)	<20	100
(4/5)	<20	100
(6/7)	<20	100
(8/9)	<20	100
(10/11)	<20	100
(12/13)	<20	100
(14)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).
- (8) White satin with black printing (sewn-in label).
- (9) White satin with pink printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (10) White satin with purple printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (11) White woven with pink printing (dress of minilina #A1888).
- (12) 3mm green plush with silver colour printing (body of Mermaid #A2261).
- (13) 3mm flesh colour plush with dark blue printing (body of Minilotta A1891).
- (14) White twill with light green printing (dress of Veterinarian Minilina #A1948).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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(7) Stuffing Materials Test

Test Standard : A.O.A.C. Official Methods of Analysis, 15<sup>th</sup> ed Chapter 16, and U.S. Pennsylvania Regulation for Stuffed Toys Title 34, Chapter 47, Section 47.317.

Result of fibre filler :

No.	Test Item	Result		Requirement
		(1)	(2)	
1.	Materials that indicate prior use of a previous manufacturing process	Absent	Absent	Absent
2.	Dirt and foreign matter	< 0.1% (w/w)	< 0.1% (w/w)	< 1.0% (w/w)
3.	Oil and grease	< 0.1% (w/w)	< 0.1% (w/w)	1.0% (w/w) max.
4.	Lead (Pb) content	< 2 ppm	< 2 ppm	< 20 ppm
5.	Arsenic (As <sub>2</sub> O <sub>3</sub> ) content	< 1 ppm	< 1 ppm	< 2 ppm
6.	Ammonia (NH <sub>3</sub> ) content	< 0.5% (w/w)	< 0.5% (w/w)	< 5.0% (w/w)
7.	Urea content	< 0.1% (w/w)	< 0.1% (w/w)	< 1.0% (w/w)
8.	Plastic or metal ornaments	Complied	Complied	Of safety design & prevent removal
9.	Stones or other materials having jagged or sharp edges	Absent	Absent	Absent
10.	Electrostatic charge	Complied	Complied	Not bearing electrostatic charge with adherence characteristics which when exposed could lodge in the windpipe
11.	Rate of surface burning	Complied	Complied	Burn rate – More than 3s for 12 in <sup>2</sup>

Remark :

ppm = parts per million = mg/kg

Examination of objectionable matter of fibre / and loose filler :

The tested components (1), (2), (3), and (4) of submitted sample were found to be free of objectionable matter originating from insect, bird, rodent or other animal infestation and of contaminants, such as splinters and metal clips.

Tested components :

- (1) Soft white fibre.
- (2) Rough white fibre.
- (3) White foam.
- (4) White beads.

Date sample received : Jun 22, 2016 and Jul 13, 2016

Testing period : Jun 22, 2016 to Jul 15, 2016

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(8) U.S. Cleanliness Test on Stuffing Material – Pennsylvania

Test Standard : U.S. Pennsylvania Regulation for stuffed toys Title 34, Chapter 47, Section 47.317.

Item	Result Fibre		Limit	
	(1)	(2)		
1.	Materials that indicate prior use of a previous manufacturing process	Absent	Absent	Absent
2.	Dirt and foreign matter	< 0.1% (w/w)	< 0.1% (w/w)	< 1.0% (w/w)
3.	Oil and grease	< 0.1% (w/w)	< 0.1% (w/w)	1.0% (w/w) max.
4.	Lead (Pb) content	< 2 ppm	< 2 ppm	< 20 ppm
5.	Arsenic (As <sub>2</sub> O <sub>3</sub> ) content	< 1 ppm	< 1 ppm	< 2 ppm
6.	Ammonia (NH <sub>3</sub> ) content	< 0.5% (w/w)	< 0.5% (w/w)	< 5.0% (w/w)
7.	Urea content	< 0.1% (w/w)	< 0.1% (w/w)	< 1.0% (w/w)
8.	Plastic or metal ornaments	Complied	Complied	Of safety design & prevent removal
9.	Stones or other materials having jagged or sharp edges	Absent	Absent	Absent
10.	Electrostatic charge	Complied	Complied	Not bearing electrostatic charge with adherence characteristics which when exposed could lodge in the windpipe
11.	Rate of surface burning	Complied	Complied	Burn rate - more than 3s for 12 in <sup>2</sup>

Item	Result Non-fibre		Limit	
	(3)	(4)		
1.	Materials that indicate prior use of a previous manufacturing process	Absent	Absent	Absent
2.	Dirt and foreign matter	< 0.1% (w/w)	< 0.1% (w/w)	< 1.0% (w/w)
3.	Oil and grease	0.3% (w/w)	< 0.1% (w/w)	1.0% (w/w) max.
4.	Lead (Pb) content	< 2 ppm	< 2 ppm	< 20 ppm
5.	Arsenic (As <sub>2</sub> O <sub>3</sub> ) content	< 1 ppm	< 1 ppm	< 2 ppm
6.	Ammonia (NH <sub>3</sub> ) content	< 0.5% (w/w)	< 0.5% (w/w)	< 5.0% (w/w)
7.	Urea content	< 0.1% (w/w)	< 0.1% (w/w)	< 1.0% (w/w)
8.	Plastic or metal ornaments	Complied	Complied	Of safety design & prevent removal
9.	Stones or other materials having jagged or sharp edges	Absent	Absent	Absent
10.	Electrostatic charge	Complied	Complied	Not bearing electrostatic charge with adherence characteristics which when exposed could lodge in the windpipe
11.	Rate of surface burning	Complied	Complied	Burn rate - more than 4s for 9 in <sup>2</sup>

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Remark :  
ppm = parts per million = mg/kg

Tested components :

- (1) Soft white fibre.
- (2) Rough white fibre.
- (3) White foam.
- (4) White beads.

Date sample received : Jun 22, 2016 and Jul 13, 2016  
Testing period : Jun 22, 2016 to Jul 15, 2016

(9) Physical and Mechanical Test

Test Standard : U.S. code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Age group for testing : For Ages over 2 years

	<u>No. of sample tested</u>	<u>Sharp point (1500.48)</u>	<u>Sharp edge (1500.49)</u>	<u>Small part (1501)</u>
As Received	1	P	NA	P
Impact (1500.53(b))	1	P	NA	P
Flexure (1500.53(d))	0	NA	NA	NA
Torque (1500.53(e))	1	P	NA	P
Tension (1500.53(f))	1	P	NA	P
Compression (1500.53(g))	1	P	NA	P

Abbreviation : P= Pass F = Fail NA = Not applicable

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 28, 2016

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(10) Flammability Test

Test Standard : U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length (inch)</u>	<u>Time (sec)</u>	<u>Burn Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
Needle	End	3.0	60	0.05	0.10

The toy sample and its accessories were tested, the above result only showed the most severe burn rate of the samples.

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 28, 2016

(11) Flammability Test on Textile Materials

Test Standard : U.S. Code of Federal Regulations Title 16 Part 1610 standard for the Flammability of clothing textiles.

All fabric samples were tested and classified as Class 1.

Tested Components:

- (1) Woven.
- (2) Twill.
- (3) Brushed knit.
- (4) 3mm plush.

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 24, 2016

(12) Total Lead (Pb) Content in Surface Coating

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope of CPSIA for total Lead content test was not applicable to the submitted samples.

Date sample received : Jun 22, 2016  
Test Period : Jun 22, 2016 to Jun 27, 2016

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**Test Report**

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(13) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1/2)	<20	100
(3)	<20	100
(4/5)	<20	100
(6/7)	<20	100
(8/9)	<20	100
(10/11)	<20	100
(12/13)	<20	100
(14)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).
- (8) White satin with black printing (sewn-in label).
- (9) White satin with pink printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (10) White satin with purple printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (11) White woven with pink printing (dress of minilina #A1888).
- (12) 3mm green plush with silver colour printing (body of Mermaid #A2261).
- (13) 3mm flesh colour plush with dark blue printing (body of Minilotta A1891).
- (14) White twill with light green printing (dress of Veterinarian Minilina #A1948).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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Number: HKGH0198502002

(14) Phthalate Content Test

Test Method : Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.3 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compounds	Result (% w/w)			Limit (% w/w)
	(1/2/3)	(4/5)	(6/7)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	0.02	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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**Test Report**

Number: HKGH0198502002

(15) Phthalate Content Test

Test Method : Solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compounds	Result (% w/w)			Limit (% w/w)
	(1/2/3)	(4/5)	(6/7)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	0.02	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--

The above limit was quoted from the Consent Judgment no. BG-350969 settled by superior court of the state of California for the county of Alameda, for Toys (designed for or reasonable used by children under six years of age) set based on the California Proposition 65.

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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**Test Report**

Number: HKGH0198502002

(16) Total Lead (Pb) content

Test Method : Acid digestion and analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in %, w/w	Limit in %, w/w
(1/2)	<0.002	0.010
(3)	<0.002	0.010
(4/5)	<0.002	0.010
(6/7)	<0.002	0.010
(8/9)	<0.002	0.010
(10/11)	<0.002	0.010
(12/13)	<0.002	0.010
(14)	<0.002	0.010

The above limit was quoted from the Consent Judgement no. RG-356892 settled by Superior Court of the State of California for the County of Alameda, for toys based on the California Proposition 65.

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).
- (8) White satin with black printing (sewn-in label).
- (9) White satin with pink printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (10) White satin with purple printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (11) White woven with pink printing (dress of minilina #A1888).
- (12) 3mm green plush with silver colour printing (body of Mermaid #A2261).
- (13) 3mm flesh colour plush with dark blue printing (body of Minilotta A1891).
- (14) White twill with light green printing (dress of Veterinarian Minilina #A1948).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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**Test Report**

Number: HKGH0198502002

(17) Total Lead (Pb) content

Test Method : Illinois Lead Poisoning Prevention Act 410 ILCS 45, acid digestion method and analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in %, w/w	Limit in %, w/w
(1/2)	<0.002	0.010
(3)	<0.002	0.010
(4/5)	<0.002	0.010
(6/7)	<0.002	0.010
(8/9)	<0.002	0.010
(10/11)	<0.002	0.010
(12/13)	<0.002	0.010
(14)	<0.002	0.010

Warning statement limit for coating = 0.004%

Tested Components:

- (1) Black plastic (eyes of all girl).
- (2) Translucent plastic (velcro).
- (3) Beige woven with red/ dark purple thread stitching and transparent brown lurex insert (sewn-in label).
- (4) Off-white plastic (eyes of all girl) (internal).
- (5) Dull white plastic (bead of Miniclara #A1886, minilina #A1888, Veterinarian Minilina #A1948) (internal).
- (6) Dull white foam (Mermaid #A2261, Minilotta A1891) (internal).
- (7) Off white foam (bag of Veterinarian Minilina #A1948) (internal).
- (8) White satin with black printing (sewn-in label).
- (9) White satin with pink printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (10) White satin with purple printing (sewn-in label of minilina #A1888, Minilotta A1891, Veterinarian Minilina #A1948).
- (11) White woven with pink printing (dress of minilina #A1888).
- (12) 3mm green plush with silver colour printing (body of Mermaid #A2261).
- (13) 3mm flesh colour plush with dark blue printing (body of Minilotta A1891).
- (14) White twill with light green printing (dress of Veterinarian Minilina #A1948).

Date sample received : Jun 22, 2016

Test Period : Jun 22, 2016 to Jun 27, 2016

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End of report

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