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**Test Report**

Number: HKGH0206096201

Applicant: KIDS STUFF LIMITED  
RM 1201 MIRROR TOWER  
61 MODY RD  
TSIM SHA TSUI EAST KLN  
HK

Date: Dec 13, 2016

Attn: HENRY YIH/ LIAM FAN

Submitted sample said to be	:	
Item Name	:	<b>Sweet &amp; Tender Blossom, Sweet &amp; Tender - Cream, Sweet &amp; Tender Bud, Pelly, Cecil, Baa-bs</b>
Item No.	:	<b>100226, 100227, 100228, 100229, 100230, 100231</b>
Quantity	:	6 sets
Labelled Age Group	:	Not Specified
Packaging Provided	:	Yes
Vendor	:	YM



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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 - Soluble heavy elements test	Pass
(4) ASTM F963-11 - Total Lead content	Pass
(5) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(6) 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
(7) AATCC test method 8 - 2013 - Color fastness to crocking test	See details enclosed
(8) U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 - Phthalate content	Not Applicable
(9) Phthalate content (US CPSIA Proposed Rules for additional phthalates)	Not Applicable

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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 All Ages.

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 : -

Test	FHSA	Parameter
Compression test	Section 1500.53(g)	30 lbf
Drop Test	Section 1500.51(b)	10 x 4.5 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	NA
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
4.35	Pompoms	NA
4.36	Hemispherical shaped objects	NA





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Clause	Requirement	Assessment
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 : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 11, 2016

(2) Flammability Tests

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

Sample	Ignition point	Burn length (inch)	Time (sec)	Burn Rate (inch/sec)	Limit (inch/sec)
bird	mouth	1.0	60	0.02	0.10

All styles of the submitted toy samples were tested, the above result only showed the most severe burn rate of the samples.

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 11, 2016

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(3) 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	340	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	11	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)	190	180	57	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)
	(11)	(12)	(13)	
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	23	<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)
	(14)	(15)	(16)	
Soluble Barium (Ba)	<5	13	12	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)
	(17)	(18)	(19)	
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)
	(20)	(21)	(22)	
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)
	(23)	(24)	(25)	
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)
	(26)	(27)	(28)	
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)
	(29)	(30)	(31)	
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

ppm = parts per million = mg/kg

@ : Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

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Tested Components:

- (1) White satin with orange printing (sewn-in label).
- (2) Ivory fabric with pink printing (body of sheep, body of duck).
- (3) White knit with orange printing (lining of wings of duck).
- (4) 10 mm pink plush with pink printing (body of pink rabbit).
- (5) 10 mm blue plush with pink printing (body of blue rabbit).
- (6) 10 mm white plush with pink printing (tail of pink rabbit, tail of blue rabbit, body of white rabbit).
- (7) Blue woven with green/brown/orange/light brown thread stitching (sewn-in label).
- (8) White / grey knit with white thread (base, fin, splash of whale).
- (9) 3 mm grey plush (whale).
- (10) @ White embroidery thread (eyes of whale).
- (11) Dark grey felt (eyes of whale).
- (12) Beige felt with blue thread (eyes of whale).
- (13) Deep blue embroidery thread (mouth of whale).
- (14) 3 mm ivory plush (ears of sheep, ears, pale of all styles rabbit).
- (15) Brown string (eyes, mouth of sheep, eyes, mouth of all styles rabbit).
- (16) Pink embroidery thread (nose of sheep, nose of all styles rabbit).
- (17) White string (holder of ribbon of sheep).
- (18) White / pink knit (ribbon of sheep).
- (19) 3 mm light brown plush (legs of sheep).
- (20) 3 mm orange plush (mouth, legs of duck).
- (21) Black embroidery thread (eyes of duck).
- (22) Light yellow embroidery thread (eyes of duck).
- (23) Grey fabric (wings of duck).
- (24) Light grey / dull beige knit (legs of duck).
- (25) White satin (tie of all styles rabbit).
- (26) Light green embroidery thread (carrot pattern of tie of all styles rabbit).
- (27) Light orange embroidery thread (carrot pattern of tie of all styles rabbit).
- (28) Beige plastic (bead).
- (29) White webbing (binding).
- (30) White mesh (pocket).
- (31) White stuffing material (inner of creature).

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 12, 2016

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(4) 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-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Substrate:

Tested Component	Result in ppm	Limit in ppm
(1)	<20	100
(2)	<20	100
(3)	<20	100
(4)	<20	100
(5)	<20	100
(6)	<20	100
(7)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) White satin with orange printing (sewn-in label).
- (2) Ivory fabric with pink printing (body of sheep, body of duck).
- (3) White knit with orange printing (lining of wings of duck).
- (4) 10 mm pink plush with pink printing (body of pink rabbit).
- (5) 10 mm blue plush with pink printing (body of blue rabbit).
- (6) 10 mm white plush with pink printing (tail of pink rabbit, tail of blue rabbit, body of white rabbit).
- (7) Beige plastic (bead).

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 12, 2016

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(5) 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)	<20	100
(2)	<20	100
(3)	<20	100
(4)	<20	100
(5)	<20	100
(6)	<20	100
(7)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) White satin with orange printing (sewn-in label).
- (2) Ivory fabric with pink printing (body of sheep, body of duck).
- (3) White knit with orange printing (lining of wings of duck).
- (4) 10 mm pink plush with pink printing (body of pink rabbit).
- (5) 10 mm blue plush with pink printing (body of blue rabbit).
- (6) 10 mm white plush with pink printing (tail of pink rabbit, tail of blue rabbit, body of white rabbit).
- (7) Beige plastic (bead).

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 12, 2016

(6) 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 : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 12, 2016

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(7) Color Fastness to Crocking

Test Standard : AATCC test method 8 - 2013

<u>Tested Component</u>	<u>Dry</u>	<u>Wet</u>
(1)	4.5	4.5
(2)	4.5	4.5
(3)	4.5	4.5
(4)	4.5	4.5
(5)	4.5	4.5
(6)	4.5	4.5

Remark: Testing was conducted on the samples in as-received condition.  
Evaluating against AATCC Gray Scale  
Commercial acceptance ratings (for reference only):  
Dry crocking: 4 or above  
Wet crocking: 3 or above

Tested components:

- (1) 20mm grey plush (wings of heron).
- (2) 2mm dark orange plush (feet, mouth of heron).
- (3) 2mm brown plush (feet of sheep).
- (4) 2mm grey plush (body of whale).
- (5) white knit with grey printing (belly of whale).
- (6) Black felt (eyes of whale).

Date sample received : Dec 08, 2016

Test Period : Dec 08, 2016 to Dec 09, 2016

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(8) **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.

Assessment : Not Applicable.

Date sample received : Dec 08, 2016

Testing period : Dec 08, 2016 to Dec 09, 2016

(9) **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.

Assessment : Not Applicable.

Date sample received : Dec 08, 2016

Testing period : Dec 08, 2016 to Dec 09, 2016

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End of report

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