

Valued Quality. Delivered.

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

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

**Test Report**

Number: HKGH0206096401

Applicant: KIDS STUFF LIMITED  
RM 1201 MIRROR TOWER  
61 MODY RD  
TSIM SHA TSUI EAST KLN  
HK  
Attn: HENRY YIH / LIAM FAN  
KIDS PREFERRED LLC

Date: Dec 14, 2016

Submitted sample said to be :  
Item Name : **Wittle Duckie & Lamb**  
Item No. : **100251**  
Quantity : 6 sets  
Labelled Age Group : Not Specified  
Packaging Provided : No  
Vendor : YM



\*\*\*\*\*

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

Angel Y.F. Cheung  
Vice President





Valued Quality. Delivered.

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

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

**Test Report**

Number: HKGH0206096401

**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) Canada Consumer Product safety Act (S.C.2010, c.21), Consumer Products Containing Lead (Contact with mouth) Regulations SOR/2010-273 and amendment no. SOR/2016-171 - Total Lead content test	Pass
(5) ASTM F963-11 - Total Lead content	Pass
(6) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(7) 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
(8) AATCC test method 8 - 2013 - Color fastness to crocking test	See details enclosed
(9) U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 - Phthalate content	Pass
(10) Phthalate content (US CPSIA Proposed Rules for additional phthalates)	See details enclosed

\*\*\*\*\*



**Test Report**

Number: HKGH0206096401

(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





Valued Quality. Delivered.

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

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

**Test Report**

Number: HKGH0206096401

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 07, 2016

Test Period : Dec 07, 2016 to Dec 12, 2016

(2) Flammability Tests

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>
Lamb	Head	2.0	60	0.03	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 07, 2016

Test Period : Dec 07, 2016 to Dec 12, 2016

\*\*\*\*\*



**Test Report**

Number: HKGH0206096401

(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	<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)	110	<5	89	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

	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

\*\*\*\*\*



**Test Report**

Number: HKGH0206096401

	Result (ppm)			Limit (ppm)
	(13)	(14)	(15)	
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)
	(16)	
Soluble Barium (Ba)	<5	1000
Soluble Lead (Pb)	<5	90
Soluble Cadmium (Cd)	<5	75
Soluble Antimony (Sb)	<5	60
Soluble Selenium (Se)	<5	500
Soluble Chromium (Cr)	<5	60
Soluble Mercury (Hg)	<5	60
Soluble Arsenic (As)	<2.5	25

ppm = parts per million = mg/kg

Tested Components:

- (1) White satin with light brown printing (sewn-in label).
- (2) Light blue fabric with light green/ brown/ orange/ deep brown thread stitching (stitching label).
- (3) White ribbon (loop).
- (4) 8 mm yellow plush with pink printing and yellow thread (body of Duckie).
- (5) 3 mm orange plush with orange thread (beaks, feet of Duckie).
- (6) 8 mm ivory plush with light pink printing (body of Lamb).
- (7) 3 mm ivory plush (ears of Lamb).
- (8) 3 mm grey plush with grey thread (hands, legs of Lamb).
- (9) Brown embroidery thread (eyes of Duckie, Lamb).
- (10) Light brown/ pink embroidery thread (nose, mouth of Lamb).
- (11) Dull white mesh (lining of Duckie, Lamb) (internal).
- (12) White mesh (holder of beads of Duckie, Lamb) (internal).
- (13) White webbing (inner binding of Duckie, Lamb) (internal).
- (14) White stuffing material (inner body of Duckie, Lamb) (internal).
- (15) White elastic band (head of Duckie) (internal).
- (16) Translucent white plastic (beads of Duckie, Lamb) (internal).

Date sample received : Dec 07, 2016  
Test Period : Dec 07, 2016 to Dec 13, 2016

\*\*\*\*\*



**Test Report**

Number: HKGH0206096401

(4) Lead (Pb) content

Test Method : Canada Product Safety Reference Manual Book 5-Laboratory Policies and Procedures  
 Part B: Test Method Section C-02.4 was used and Lead content was determined by  
 Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in mg/kg	Limit in mg/kg
(1)	<20	90
(2)	<20	90
(3)	<20	90
(4)	<20	90
(5)	<20	90
(6)	<20	90
(7)	<20	90
(8)	<20	90
(9)	<20	90
(10)	<20	90

mg/kg = milligram per kilogram

Tested Components:

- (1) White satin with light brown printing (sewn-in label).
- (2) Light blue fabric with light green/ brown/ orange/ deep brown thread stitching (stitching label).
- (3) White ribbon (loop).
- (4) 8 mm yellow plush with pink printing and yellow thread (body of Duckie).
- (5) 3 mm orange plush with orange thread (beaks, feet of Duckie).
- (6) 8 mm ivory plush with light pink printing (body of Lamb).
- (7) 3 mm ivory plush (ears of Lamb).
- (8) 3 mm grey plush with grey thread (hands, legs of Lamb).
- (9) Brown embroidery thread (eyes of Duckie, Lamb).
- (10) Light brown/ pink embroidery thread (nose, mouth of Lamb).

Date sample received : Dec 07, 2016

Test Period : Dec 07, 2016 to Dec 13, 2016

\*\*\*\*\*



**Test Report**

Number: HKGH0206096401

(5) 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

ppm = parts per million = mg/kg

Tested Components:

- (1) White satin with light brown printing (sewn-in label).
- (2) 8 mm yellow plush with pink printing and yellow thread (body of Duckie).
- (3) 8 mm ivory plush with light pink printing (body of Lamb).
- (4) White elastic band (head of Duckie) (internal).
- (5) Translucent white plastic (beads of Duckie, Lamb) (internal).

Date sample received : Dec 07, 2016

Test Period : Dec 07, 2016 to Dec 13, 2016

\*\*\*\*\*





**Test Report**

Number: HKGH0206096401

(6) 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

ppm = parts per million = mg/kg

Tested Components:

- (1) White satin with light brown printing (sewn-in label).
- (2) 8 mm yellow plush with pink printing and yellow thread (body of Duckie).
- (3) 8 mm ivory plush with light pink printing (body of Lamb).
- (4) White elastic band (head of Duckie) (internal).
- (5) Translucent white plastic (beads of Duckie, Lamb) (internal).

Date sample received : Dec 07, 2016

Test Period : Dec 07, 2016 to Dec 13, 2016

(7) 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 07, 2016

Test Period : Dec 07, 2016 to Dec 13, 2016

\*\*\*\*\*



**Test Report**

Number: HKGH0206096401

(8) 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

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 component :

(1) 3 mm grey plush (hands, legs of lamb).

Date sample received : Dec 07, 2016  
 Test Period : Dec 07, 2016 to Dec 12, 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.

Six Phthalate content:

Compounds	Result (%, w/w)	Limit (%, w/w)
	(1)	
Dibutyl phthalate (DBP)	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	0.1
Diisodecyl phthalate (DIDP)	<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 Component:

(1) White elastic band (head of Duckie) (internal).

Date sample received : Dec 07, 2016  
 Test Period : Dec 07, 2016 to Dec 13, 2016

\*\*\*\*\*





Valued Quality. Delivered.

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

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

**Test Report**

Number: HKGH0206096401

(10) 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.

Compounds	Result (% w/w)
	(1)
Dicyclohexyl phthalate (DCHP)	<0.01
Diisobutyl phthalate (DIBP)	<0.01
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01

The above phthalates were quoted from Federal Register, Vol. 79, No. 249, December 30, 2014, Proposed Rules for "Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates".

Tested Component:

- (1) White elastic band (head of Duckie) (internal).

Date sample received : Dec 07, 2016

Test Period : Dec 07, 2016 to Dec 13, 2016

\*\*\*\*\*

End of report

*Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek's responsibility and liability are limited to the terms and conditions of the agreement.*

*This report is made solely on the basis of your instructions and / or information and materials supplied by you and provide no warranty on the tested sample(s) be truly representative of the sample source. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. This report does not discharge or release you from your legal obligations and duties to any other person. You are the only one authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.*

*This report shall not be reproduced, except in full.*

