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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: HKGH0206092003

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

Date: Jan 03, 2017

Attn: HENRY YIH / LIAM FAN

Submitted sample said to be	:	
Item Name	:	Wittle Spring Bunnies - 4pack Assortment, Bloom Jammies, Blossom Jammies, Skipit Jammies, Penny, Bloom Bunny - 7inch Plush - Hareytale Friends, Blossom Knotty Friend, Bloom Knotty Friend, Skipit Knotty Friend
Item No.	:	100234, 100233, 100232, 100242, 100241, 100222, 100223, 100224, 100225
Quantity	:	6 sets
Labelled Age Group	:	Not Specified
Packaging Provided	:	Yes
Vendor	:	YM



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) Australian/New Zealand Standard AS/NZS 8124.1: 2016 - Mechanical and Physical Tests	Pass
(2) Australian/New Zealand Standard AS/NZS 8124.1: 2016 - Mechanical and Physical Tests	Pass
(3) Consumer Product Safety Standard: Toys for children up to and including 36 months of age (in force under section 65E(1) of the Trade Practices Act 1974) as commenced by Consumer Protection Notice No. 14 of 2003 and as amended by Consumer Protection No. 1 of 2005.	Pass
(4) Australian/New Zealand Standard AS/NZS 8124.1: 2016 - Mechanical and Physical Tests	Pass
(5) Australian/New Zealand Standard AS/NZS 8124.2: 2016 - Flammability test	Pass
(6) AS/NZS ISO 8124-3:2003 (Australian Trade Practice Act 1974 with Consumer Protection Notice no. 1, 2009 - Consumer Product Safety Standard for Lead and certain elements in children's toys.) - Toxic elements test	Pass
AS/NZS ISO 8124-3:2012 - Toxic elements test	Pass
AS/NZS 8124-3:2012/Amdt 1:2016 - Toxic elements test	Pass



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(1) Physical and Mechanical Tests

Test Standard : Australian/New Zealand Standard AS/NZS 8124.1:2016 Safety aspects related to mechanical and physical properties.

Age group for testing : For All Ages

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the clause 5.24 of AS/NZS 8124.1: 2016 before the assessment of the relevant requirement in clause 4:

Clause	Test	Parameter
5.24.2	Drop test	10 x 138 +/- 5 cm
5.24.5	Torque test	0.45 +/- 0.02 Nm
5.24.6	Tension test	70 +/- 2 N
5.24.7	Compression test	136 +/- 2 N

Clause	Requirement	Assessment
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4.1	Small Parts for children under 36 months	P
4.4.2	Small part warning	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastic	P
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirement	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Rotor and propellers	NA
4.20	Aquatic toys	NA
4.21.	Braking	NA
4.22	Toy bicycles	NA
4.23.	Speed limitation of electrically driven ride-on toys	NA
4.24.	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates and toy skateboards	NA
4.28	Percussion caps (B.2.18)	NA
4.29.	Acoustic requirements	NA
4.30.	Toy scooters	NA
4.31.	Magnets and magnetic components	NA





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<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
Annex B	Safety labelling guidelines and manufacturer's markings	P
Annex D	Toy gun marking	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Dec 07, 2016 and Dec 15, 2016

Test Period : Dec 07, 2016 to Dec 30, 2016



Test Report

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(2) Physical and Mechanical Tests

Test Standard : Australian/New Zealand Standard AS/NZS 8124.1:2016 Safety aspects related to mechanical and physical properties.

Age group for testing : For All Ages

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the clause 5.24 of AS/NZS 8124.1: 2016 before the assessment of the relevant requirement in clause 4:

Clause	Test	Parameter
5.24.2	Drop test	10 x 138 +/- 5 cm
5.24.5	Torque test	0.45 +/- 0.02 Nm
5.24.6	Tension test	70 +/- 2 N
5.24.7	Compression test	136 +/- 2 N

Clause	Requirement	Assessment
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4.1	Small Parts for children under 36 months	P
4.4.2	Small part warning	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastic	P
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirement	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Rotor and propellers	NA
4.20	Aquatic toys	NA
4.21.	Braking	NA
4.22	Toy bicycles	NA
4.23.	Speed limitation of electrically driven ride-on toys	NA
4.24.	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates and toy skateboards	NA
4.28	Percussion caps (B.2.18)	NA
4.29.	Acoustic requirements	NA
4.30.	Toy scooters	NA
4.31.	Magnets and magnetic components	NA





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Clause	Requirement	Assessment
Annex B	Safety labelling guidelines and manufacturer's markings	P
Annex D	Toy gun marking	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Dec 07, 2016 and Dec 15, 2016

Test Period : Dec 07, 2016 to Dec 30, 2016

(3) Physical and Mechanical Test

Test Standard : Consumer Product Safety Standard: Toys for children up to and including 36 months of age (in force under section 65E(1) of the Trade Practices Act 1974) as commenced by Consumer Protection Notice No. 14 of 2003 and as amended by Consumer Protection No. 1 of 2005.

Age group for testing : For All Ages

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the Clause 5.24 OF AS/NZS ISO 8124.1 : 2002 before the assessment of the relevant requirement in Clause 4 and Annex A :

Section	Testing Items	Parameter
5.24.2	Drop Test	10x138 +/- 5cm
5.24.5	Torque test	0.45 +/- 0.02Nm
5.24.6	Tension test	70 +/- 2N
5.24.7	Compression test	114 +/- 2N

Clause	Requirement	Assessment
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.4	Small Parts	
4.4.1	Small parts for children under 36 months	P
4.5	Shape, size and strength of certain toys	NA
4.5.1	Squeeze toys, rattles and certain other toys	NA
4.5.2	Small balls	NA
4.5.3	Pompoms	NA
4.5.4	Preschool play figures	NA
4.5.5	Toy pacifiers	NA
4.25	Mouth-actuated toys	
4.25.a	Mouth-actuated toys and removable mouthpieces of mouth-actuated toys	NA
4.25.b	Non-detachable mouthpieces of mouth-actuated toys	NA
4.25.c	Mouth-actuated toys which contain loose components	NA
A.2.3	Battery-operated toy	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Dec 07, 2016, Dec 15, 2016 and Dec 29, 2016

Test Period : Dec 07, 2016 to Dec 30, 2016



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(4) Physical and Mechanical Tests

Test Standard : Australian/New Zealand Standard AS/NZS 8124.1:2016 Safety aspects related to mechanical and physical properties.

Age group for testing : For All Ages

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the clause 5.24 of AS/NZS 8124.1: 2016 before the assessment of the relevant requirement in clause 4:

Clause	Test	Parameter
5.24.2	Drop test	10 x 138 +/- 5 cm
5.24.5	Torque test	0.45 +/- 0.02 Nm
5.24.6	Tension test	70 +/- 2 N
5.24.7	Compression test	136 +/- 2 N

Clause	Requirement	Assessment
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4.1	Small Parts for children under 36 months	P
4.4.2	Small part warning	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastic	P
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirement	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Rotor and propellers	NA
4.20	Aquatic toys	NA
4.21.	Braking	NA
4.22	Toy bicycles	NA
4.23.	Speed limitation of electrically driven ride-on toys	NA
4.24.	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates and toy skateboards	NA
4.28	Percussion caps (B.2.18)	NA
4.29.	Acoustic requirements	NA
4.30.	Toy scooters	NA
4.31.	Magnets and magnetic components	NA





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<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
Annex B	Safety labelling guidelines and manufacturer's markings	P
Annex D	Toy gun marking	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Dec 07, 2016 and Dec 15, 2016

Test Period : Dec 07, 2016 to Dec 30, 2016

(5) Flammability Test

Test Standard : Australian/New Zealand Standard AS/NZS 8124.2: 2016

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
4.1	General	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in a play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys with a piled or textile surface	P

Abbreviation : P = Pass NA = Not Applicable

Additional Information: Butane gas was used in the test burner.

Date sample received : Dec 07, 2016

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



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(6) Toxic Elements Analysis

Test Method : Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Materials other than modelling clay:

	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Barium (Ba)	<5	<5	170	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 (mg/kg)			Limit (mg/kg)
	(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	27	<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 (mg/kg)			Limit (mg/kg)
	(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	29	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 (mg/kg)			Limit (mg/kg)
	(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)	23	<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 (mg/kg)			Limit (mg/kg)
	(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 (mg/kg)			Limit (mg/kg)
	(16)	(17)	(18)	
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 (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
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 (mg/kg)			Limit (mg/kg)
	(22)	(23)	(24)	
Soluble Barium (Ba)	<5	210	<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 (mg/kg)			Limit (mg/kg)
	(25)	(26)	(27)	
Soluble Barium (Ba)	150	<5	16	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 (mg/kg)			Limit (mg/kg)
	(28)	(29)	(30)	
Soluble Barium (Ba)	<5	260	<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 (mg/kg)			Limit (mg/kg)
	(31)	(32)	(33)	
Soluble Barium (Ba)	<5	20	<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 (mg/kg)		Limit (mg/kg)
	(34)	(35)	
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

mg/kg = milligram per kilogram



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Tested Components:

- (1) White satin with light brown printing (sewn-in label of all styles).
- (2) Blue fabric with green / deep brown / orange / light brown threads stitching (sewn-in label of all styles).
- (3) 10mm ivory plush with pink printing (head of all dot pattern bunny, dot pattern blue dog, head, hands, tail of all bunny with handkerchief, blue dog with handkerchief, body of small white bunny, chest, tail of all small bunny, nose part of grey bunny, body of penguin).
- (4) 2mm ivory plush (ears of all dot pattern bunny, dot pattern blue dog, ears, hands, foots of all small bunny, grey bunny).
- (5) Ivory short pile plush with pink printing (body of dot pattern pink bunny).
- (6) White ribbon (loop of all dot pattern bunny, all bunny with handkerchief, small white bunny).
- (7) Brown embroidery thread (eyes, nose, mouth of all bunny, dog).
- (8) Pink embroidery thread (nose of all bunny, flower on body of pink bunny with handkerchief).
- (9) Ivory short pile plush with grey printing (body of dot pattern grey bunny).
- (10) Ivory short pile plush with blue printing (body of dot pattern blue dog).
- (11) 10mm brown plush (eye, ear of all dog).
- (12) 2mm brown plush (ear of all dog).
- (13) Grey knit with grey thread (body of grey bunny with handkerchief).
- (14) Ivory knit with grey, pink, light green printings (handkerchief of all bunny with handkerchief, blue dog with handkerchief).
- (15) Yellow printed knit (star on handkerchief of grey bunny with handkerchief).
- (16) Deep grey printed knit (star on handkerchief of grey bunny with handkerchief).
- (17) Yellow embroidery thread (star on body of grey bunny with handkerchief).
- (18) Pink knit with pink thread (body of pink bunny with handkerchief).
- (19) Grey embroidery thread (stem of flower on body of pink bunny with handkerchief, wheel of boat on body of blue dog with handkerchief).
- (20) Blue knit with blue thread (body of blue dog with handkerchief).
- (21) Light grey / blue printed knit (boat on handkerchief of blue dog with handkerchief).
- (22) Blue embroidery thread (boat on body of blue dog with handkerchief).
- (23) 10mm purple plush with pink printing (body of small purple bunny).
- (24) Purple ribbon (loop of small purple bunny).
- (25) 10mm light blue plush with pink printing and white thread (body of small blue bunny).
- (26) Light blue ribbon (loop of small blue bunny).
- (27) 10mm light pink plush with pink printing (body of small pink bunny).
- (28) Light pink ribbon (loop of small pink bunny).
- (29) 10mm grey plush with pink printing (body of grey bunny).
- (30) White woven with dim pink printing (scarf of grey bunny).
- (31) Pale grey ribbon (loop of grey bunny, penguin).
- (32) 10mm deep grey plush (body of penguin).
- (33) 2mm dim orange plush (mouth, legs of penguin).
- (34) White/deep grey knit (scarf, wings of penguin).
- (35) Shiny grey/white embroidery thread (eyes of penguin).

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

End of report

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