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American National Standards Institute
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British Standards Institute

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

Test Report

Number: HKGH0206090003

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	:	Baa-bs Teether, Clucky Teether, Hammie Teether, Moo Moo Teether
Item No.	:	100244, 100245, 100246, 100247
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





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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 8124.2: 2016 - Flammability test	Pass
(3) 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
Australian Customs Notice no. 2007/46 - amendments to the Customs (Prohibited Imports) Regulations 1956 Schedule 2 Item 2 - 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	P
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	NA
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	P
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
Annex B	Safety labelling guidelines and manufacturer's markings	#1



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Clause	Requirement	Assessment
Annex D	Toy gun marking	NA

Abbreviation : P = Pass NA = Not Applicable

Remark(s):

#1 = No packaging was submitted for testing. Hence, Annex B of "Safety labelling guidelines and manufacturer's markings was not assessed.

Date sample received : Dec 07, 2016

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

(2) Flammability Test

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

Clause	Requirement	Assessment
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	NA

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

(3) 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)
	(7)	(9)	(10)	
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 (mg/kg)		Limit (mg/kg)
	(11)	(12)	
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

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

Tested Components:

- (1) @ Pale pink coating on plastic (bow, ears, blush of sheep teether).
- (2) @ Brown coating on plastic (ears of all teether).
- (3) @ Pale purple coating on plastic (feet of sheep teether).
- (4) @ Dull orange coating on plastic (crest, feet of chick teether).
- (5) @ Red coating on plastic (beak of chick teether).
- (6) @ Dull pink coating on plastic (blush of chick teether).
- (7) Light brown coating on plastic (head, body of cow teether).
- (8) @ Light pink coating on plastic (ears, nose, blush, feet, tail of pig teether).
- (9) Pale pink plastic (sheep teether).
- (10) Yellow plastic (chick teether).
- (11) Beige plastic (cow teether).
- (12) Pink plastic (pig teether).

Date sample received : Dec 07, 2016

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

End of report

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