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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: HKGH0206090002

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) Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 and amendment SOR/2016-195. - Mechanical and physical test	Pass
(2) Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 section 21 and amendment SOR/2016-195. - Celluloid or Cellulose nitrate	Pass
(3) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 and amendment no. SOR/2016-195 Section 23 - Toxic 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) Canada Consumer Product Safety Act Toys Regulations (SOR/2011-17) Item 27(3)(a)&(b) and amendment no. SOR/2016-195 - Heavy elements test	Pass



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(1) Physical and Mechanical Tests

Test Standard : Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 and amendment SOR/2016-195.

Age group for testing : For All Ages

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations(SOR/2011-17) and amendment SOR/2016-195:	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x (1.367 +/- 0.005) m
Pull test	42.5 +/- 2 N
Push test	42.5 +/- 2 N

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
3	General - English and French Bilingual Statement	NA
4	Packaging	NA
5	Electrically operated toys	NA
6	Electrically heated toys	NA
7	Small parts	P
8	Metal edges	NA
9	Wire Frames	NA
10	Plastic Edges	P
11	Wooden Surfaces, Edges and Corners	NA
12	Glass	NA
13	Fasteners	NA
14	Folding Mechanisms, Bracket or Bracing	NA
15	Spring-Wound Driving Mechanism	NA
16	Projectile Components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	NA
19	Noise limit	P
20	Heated surfaces, parts or substances	NA
28	Fastening to attach parts, Clothing or Ornamentation	NA
29	Stuffing Materials	NA
	(a) Clean and free from vermin	NA
	(b) Free from Hard and Sharp Foreign Matter	NA
30	Small parts - Squeaker, Reed, Valve or other similar device	NA
31	Eyes or nose	NA
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Pull and Push Toys that has a shaft-like handle	NA
38	Toy Steam Engines Boilers	NA
39	Finger Paints	NA
40	Rattle	NA
41	Elastic	NA
42	Yo-Yo Type Balls	NA
	(a) Stretchable cord	NA
	(b) Similar product	NA



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Clause	Requirement	Assessment
43	Battery	NA

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Dec 07, 2016

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

(2) Cellulose Nitrate and Celluloid

Test Standard : Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 section 21 and amendment SOR/2016-195.

	Assessment	Requirements
Cellulose Nitrate / Celluloid	Absent	Absent

Date sample received : Dec 07, 2016

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

(3) Toxic Elements Analysis

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

	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Total Lead (Pb)	<10	<10	<10	90
Total Mercury (Hg)	ND	ND	ND	ND
Sol. Cadmium (Cd)	<10	<10	<10	1000
Sol. Antimony (Sb)	<10	<10	<10	1000
Sol. Selenium (Se)	<10	<10	<10	1000
Sol. Arsenic (As)	<10	<10	<10	1000
Sol. Barium (Ba)	<10	<10	<10	1000

	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Total Lead (Pb)	<10	<10	<10	90
Total Mercury (Hg)	ND	ND	ND	ND
Sol. Cadmium (Cd)	<10	<10	<10	1000
Sol. Antimony (Sb)	<10	<10	<10	1000
Sol. Selenium (Se)	<10	<10	<10	1000
Sol. Arsenic (As)	<10	<10	<10	1000
Sol. Barium (Ba)	<10	<10	<10	1000



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	Result (mg/kg)		Limit (mg/kg)
	(7)	(8)	
Total Lead (Pb)	<10	<10	90
Total Mercury (Hg)	ND	ND	ND
Sol. Cadmium (Cd)	<10	<10	1000
Sol. Antimony (Sb)	<10	<10	1000
Sol. Selenium (Se)	<10	<10	1000
Sol. Arsenic (As)	<10	<10	1000
Sol. Barium (Ba)	<10	<10	1000

Sol. : Soluble

ND : Not detected (<0.078 mg/kg)

mg/kg = milligram per kilogram

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).

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



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(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
(11)	<20	90
(12)	<20	90

mg/kg = milligram per kilogram

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



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(5) Heavy Elements Analysis

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

Soluble Elements Content:

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

ppm = parts per million = mg/kg

Tested Components:

- (1) Pale pink plastic (sheep teether).
- (2) Yellow plastic (chick teether).
- (3) Beige plastic (cow teether).
- (4) 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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