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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: HKGH02011558

Applicant: MERCHANT AMBASSADOR (HOLDINGS) LTD
RM 2502 PERFECT INDL BLDG
31 TAI YAU ST
SAN PO KONG KLN
HK
Attn: MAY FU

Date: Sep 01, 2016

Submitted sample said to be :
Item Name : - WWF Animal Playing Cards.
: - WWF Wild Guess.
: - WWF Madagascar Floor Puzzle.
: - WWF Marine Life Floor Puzzle.
: - WWF Wild Cats Floor Puzzle.
: - WWF Polar Regions Floor Puzzle.
: - WWF 1000 Piece Puzzle - Owls.
: - WWF 1000 Piece Puzzle - Sea Turtles.
: - WWF 1000 Piece Puzzle - Wild Cats.
: - WWF 1000 Piece Puzzle - Tigers.
: - WWF 1000 Piece Puzzle - Penguins.
: - WWF 1000 Piece Puzzle - Birds.
: - WWF 1000 Piece Puzzle - Wolves.
: - WWF 1000 Piece Puzzle - Pandas.
: - WWF Animal 100 pc Puzzles - Baby Snow Leopard.
: - WWF Animal 100 pc Puzzles - Baby Elephant.
: - WWF Animal 100 pc Puzzles - Baby Giraffe.
: - WWF Animal 100 pc Puzzles - Baby Penguin.
: - WWF 12 Animal Shaped Puzzles in Panda Box.
: - WWF Animal Block Puzzle - Wild Cats.

Item No. : WWF990 / WWF992 / WWF991 / WWF994 / WWF996 / WWF997 /
WWF081 / WWF082 / WWF083 / WWF084 / WWF085 / WWF086 /
WWF087 / WWF088 / WWF101 / WWF102 / WWF103 / WWF104 /
WWF201 / WWF202.

Labelled Age Group : Not Specified (WWF081 / WWF082 / WWF083 / WWF084 / WWF085 /
WWF086 / WWF087 / WWF088 / WWF101 / WWF102 / WWF103 /
WWF104).
3+ (WWF994 / WWF997 / WWF201 / WWF202/ WWF990/ WWF991/
WWF996).
6+ (WWF992).

Packaging Provided : Yes.
Country of Origin : China.

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

Angel Y.F. Cheung
Vice President





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Quantity : Each 1 Set (WWF081 / WWF082 / WWF085 / WWF086).
Each 2 Sets (WWF991 / WWF994 / WWF996 / WWF997 / WWF083 /
WWF084 / WWF087 / WWF088 / WWF101 / WWF102 / WWF103 /
WWF104 / WWF201 / WWF202).
Each 4 Sets (WWF990 / WWF992).

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. Consumer Product Safety Improvement Act 2008 Title I, Section 108 - Phthalate content	Pass
(2) EN71-3 : 2013 + A1:2014 - Migration of certain elements	Pass
(3) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 - Phthalates content	Pass
(4) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Pass
(5) 94/62/EC and amendment 2013/2/EU & Directive (EU) 2015/720 Directive (packaging waste) - Toxic elements test	Pass
(6) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 and amendment no. SOR/2016-195 Section 23 - Toxic elements test	Pass
(7) Canada Products Containing Mercury Regulations SOR/2014-254 - Total Mercury Content	Pass
(8) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 27(3)(d) and amendment no. SOR/2016-195 & Phthalates Regulations SOR/2016-188 Section 2 & 3(1) - Phthalate content	Pass
(9) 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
(10) CNS 4797 : 2012 no. Z7066 requirements - Phthalate Content	Pass





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<u>Requirement</u>	<u>Result</u>
(11) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 and Regulations Amending the Toys Regulations SOR/2016-195 - Mechanical and Physical test	Pass
(12) Australian / New Zealand Standard AS/NZS 8124-2:2016 - Flammability test	Pass
(13) EN71-1 : 2014 - Mechanical and physical properties	Pass
(14) EN71-2:2011 + A1:2014 - Flammability test	Pass
(15) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 Annex XVII Item 50 - Polycyclic aromatic hydrocarbons content	Pass
(16) German Chemicals Prohibition Ordinance Appendix 15 - Pentachlorophenol	Pass
(17) REACH Regulation (EC) no. 1907/2006, Annex XVII Item 43 & amendment no. 552/2009 and 126/2013 (formerly known as Directive 2002/61/EC) - Azocolourants content requirement	Pass
(18) Free formaldehyde content	See details enclosed
(19) AS/NZS 8124-1:2016 - Mechanical and physical tests	Pass
(20) Canada Consumer Product Safety Act Toys Regulation SOR 2011-17 section 21 and Regulations Amending the Toys Regulations SOR/2016-195. - Cellulose Nitrate and Celluloid	Pass
(21) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 and Regulations Amending the Toys Regulations SOR/2016-195 - Mechanical and Physical test	Pass
(22) Australian / New Zealand Standard AS/NZS 8124-2:2016 - Flammability test	Pass
(23) EN71-1 : 2014 - Mechanical and physical properties	Pass
(24) EN71-2:2011 + A1:2014 - Flammability test	Pass
(25) EN71-9 : 2005 and amendment A1 : 2007 - Wood preservatives requirement	Not Applicable



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(1) 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)
	(1/2/3)	(4/5/6)	(7/8)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

Compounds	Result (%, w/w)		Limit (%, w/w)
	(9/10)	(11/12)	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	0.02	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<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.



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Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (12) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016

Test Period : Aug 19, 2016 to Aug 24, 2016



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(2) 19 Toxic Element Migration Test

Test Standard : EN71-3:2013 + A1:2014

Category (III): Scraped-off toy material:

	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.1	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	160
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Aluminium (Al)	<300	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.1	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	160
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
Soluble Aluminium (Al)	<300	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.1	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	160
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Aluminium (Al)	<300	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.1	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	160
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<2.0	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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	Result (mg/kg)		Limit (mg/kg)
	(13)	(14)	
Soluble Aluminium (Al)	<300	<300	70000
Soluble Antimony (Sb)	<10	<10	560
Soluble Arsenic (As)	<10	<10	47
Soluble Barium (Ba)	<10	<10	18750
Soluble Boron (B)	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	17
Soluble Chromium (III) (Cr III) ++	<10	<10	460
Soluble Chromium (VI) (Cr VI) ++	<0.1	<0.1	0.2
Soluble Cobalt (Co)	<10	<10	130
Soluble Copper (Cu)	<10	<10	7700
Soluble Lead (Pb)	<10	<10	160
Soluble Manganese (Mn)	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	94
Soluble Nickel (Ni)	<10	<10	930
Soluble Selenium (Se)	<10	<10	460
Soluble Strontium (Sr)	<100	<100	56000
Soluble Tin (Sn)	<10	<10	180000
Soluble Organic tin ++	<2.0	<2.0	12
Soluble Zinc (Zn)	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test results were marked with "Λ" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

Organic tin test result was expressed as tributyl tin.



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Tested Components:

- (1) Paper card with coatings (box - WWF Animal Playing Cards).
- (2) Paper card with coatings (playing card - WWF Animal Playing Cards).
- (3) Paper sheet with coatings (box - Wild Guess).
- (4) Paper board with coatings (box - Wild Guess).
- (5) Paper card with coatings (stand - Wild Guess).
- (6) Paper board with coatings (game board, game pieces - Wild Guess).
- (7) Paper board with coatings (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Paper board with coatings (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Paper board with coatings (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Paper card with coatings (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Grey paper board (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (12) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (13) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).
- (14) Beige string (handle - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle, WWF Animal Block Puzzle - Wild Cats).

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Test Period : Aug 19, 2016 to Aug 24, 2016



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(3) Phthalate Content Test

Test Method : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compounds	Result (%, w/w)			Limit (%, w/w)
	(1/2/3)	(4/5/6)	(7/8)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	<0.01	<0.01	<0.01	0.1

Compounds	Result (%, w/w)		Limit (%, w/w)
	(9/10)	(11/12)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	0.02	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	0.02	<0.01	0.1
Diisononyl phthalate (DINP)	0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	0.01	<0.01	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 for phthalate content in toys and childcare articles.



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Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (12) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016

Test Period : Aug 19, 2016 to Aug 24, 2016



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(4) Cadmium (Cd) Content

Test Method : Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %, w/w	Limit in %, w/w
(1)	ND	0.1
(2)	ND	0.1
(3)	ND	0.1
(4)	ND	0.1
(5)	ND	0.1
(6)	ND	0.1
(7)	ND	0.1
(8)	ND	0.1
(9)	ND	0.1
(10)	ND	0.1
(11/12)	ND	0.01

ND : Not detected (< 0.0005%)

Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (12) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016

Test Period : Aug 19, 2016 to Aug 24, 2016



Test Report

Number: HKGH02011558

(5) Toxic Elements Analysis

Test Method : 94/62/EC and amendment 2013/2/EU & Directive (EU) 2015/720 Directive on packaging and packaging waste, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

	Result (ppm)			Limit (ppm)
	(1/2)	(3/4)	(5)	
Total Lead (Pb)	<5	<5	<5	--
Total Cadmium (Cd)	<5	<5	<5	--
Total Mercury (Hg)	<5	<5	<5	--
Chromium VI (Cr (VI))	<1	<1	<1	--
Sum of Lead, Cadmium, Mercury and Chromium Cr (VI)	<16	<16	<16	100

ppm = parts per million = mg/kg

Tested Components:

- (1) Transparent plastic sheet (wrapping - WWF Animal Playing Cards) (packaging).
- (2) Transparent adhesive tape (WWF Animal Playing Cards) (packaging).
- (3) Transparent plastic (hang tag - WWF Animal Playing Cards) (packaging).
- (4) Transparent plastic label (round tape - Wild Guess, puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin) (packaging).
- (5) Brown paper sheet (bag - puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box) (packaging).

Date sample received : Aug 19, 2016

Test Period : Aug 19, 2016 to Aug 24, 2016



Test Report

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(6) 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

	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
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)
	(10)	
Total Lead (Pb)	<10	90
Total Mercury (Hg)	ND	ND
Sol. Cadmium (Cd)	<10	1000
Sol. Antimony (Sb)	<10	1000
Sol. Selenium (Se)	<10	1000
Sol. Arsenic (As)	<10	1000
Sol. Barium (Ba)	<10	1000

Sol. : Soluble

ND : Not detected (<0.078 mg/kg)

mg/kg = milligram per kilogram

Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016

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(7) Total Mercury (Hg) Content

Test Method : Canada Products Containing Mercury Regulations SOR/2014-254, acid digestion method and analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %, w/w	Limit in %, w/w
(1)	<0.001	0.1
(2)	<0.001	0.1
(3)	<0.001	0.1
(4)	<0.001	0.1
(5)	<0.001	0.1
(6)	<0.001	0.1
(7)	<0.001	0.1
(8)	<0.001	0.1
(9)	<0.001	0.1
(10)	<0.001	0.1
(11/12/13)	<0.001	0.1
(14/15/16)	<0.001	0.1
(17/18/19)	<0.001	0.1
(20/21)	<0.001	0.1
(22/23)	<0.001	0.1
(24)	<0.001	0.1



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Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Paper card excluding coatings (box - WWF Animal Playing Cards).
- (12) Paper card excluding coatings (playing card - WWF Animal Playing Cards).
- (13) Paper sheet excluding coatings (box - Wild Guess).
- (14) Paper board excluding coatings (box - Wild Guess).
- (15) Paper card excluding coatings (stand - Wild Guess).
- (16) Paper board excluding coatings (game board, game pieces - Wild Guess).
- (17) Paper board excluding coatings (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (18) Paper board excluding coatings (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (19) Paper board excluding coatings (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (20) Paper card excluding coatings (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (21) Grey paper board (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).



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Tested Components:

- (22) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (23) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).
- (24) Beige string (handle - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle, WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016
 Test Period : Aug 19, 2016 to Aug 24, 2016

(8) Phthalate Content Test

Test Method : Solvent extraction and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compounds	Result (ppm)			Limit (ppm)
	(1/2/3)	(4/5/6)	(7/8)	
Dibutyl phthalate (DBP)	<100	<100	<100	1000
Diethyl hexyl phthalate (DEHP)	<100	<100	<100	1000
Benzyl butyl phthalate (BBP)	<100	<100	<100	1000
Diisononyl phthalate (DINP)	<100	<100	<100	1000
Di-n-octyl phthalate (DnOP)	<100	<100	<100	1000
Diisodecyl phthalate (DIDP)	<100	<100	<100	1000

Compounds	Result (ppm)		Limit (ppm)
	(9/10)	(11/12)	
Dibutyl phthalate (DBP)	<100	<100	1000
Diethyl hexyl phthalate (DEHP)	200	<100	1000
Benzyl butyl phthalate (BBP)	<100	<100	1000
Diisononyl phthalate (DINP)	100	<100	1000
Di-n-octyl phthalate (DnOP)	<100	<100	1000
Diisodecyl phthalate (DIDP)	<100	<100	1000

The above limit was quoted according to Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 27(3)(d) and amendment no. SOR/2016-195 and Phthalates Regulations SOR/2016-188 Section 2 & 3(1) for phthalate content on toys and child care articles.

ppm = parts per million = mg/kg



Test Report

Number: HKGH02011558

Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (12) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).

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(9) Toxic Elements Analysis

Test Method : Australian / New Zealand Standard AS/NZS ISO 8124-3:2003 and AS/NZS ISO 8124-3:2012, 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	<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)
	(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	<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)
	(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 (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)	<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)
	(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





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	Result (mg/kg)	Limit
	(22)	(mg/kg)
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

mg/kg = milligram per kilogram



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Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper board (box - Wild Guess).
- (3) Coatings on paper card (stand - Wild Guess).
- (4) Coatings on paper board (game board, game pieces - Wild Guess).
- (5) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (6) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (7) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (8) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (9) Paper card with coatings (playing card - WWF Animal Playing Cards).
- (10) Paper sheet with coatings (box - Wild Guess).
- (11) Paper card excluding coatings (box - WWF Animal Playing Cards).
- (12) Paper board excluding coatings (box - Wild Guess).
- (13) Paper card excluding coatings (stand - Wild Guess).
- (14) Paper board excluding coatings (game board, game pieces - Wild Guess).
- (15) Paper board excluding coatings (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (16) Paper board excluding coatings (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (17) Paper board excluding coatings (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (18) Paper card excluding coatings (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (19) Grey paper board (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).





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Tested Components:

- (20) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (21) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).
- (22) Beige string (handle - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle, WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016

Test Period : Aug 19, 2016 to Aug 24, 2016



Test Report

Number: HKGH02011558

(10) Phthalate Content Test

Test Method : CNS 15138-1 : 2012 No. Z8139-1, followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compounds	Result (% w/w)			Limit (% w/w)
	(1/2/3)	(4/5/6)	(7/8)	
Diethyl phthalate (DEP)	<0.01	<0.01	<0.01	--
Dimethyl phthalate (DMP)	<0.01	<0.01	<0.01	--
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of eight phthalates	<0.01	<0.01	<0.01	0.1

Compounds	Result (% w/w)		Limit (% w/w)
	(9/10)	(11/12)	
Diethyl phthalate (DEP)	<0.01	<0.01	--
Dimethyl phthalate (DMP)	<0.01	<0.01	--
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	0.02	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Diisononyl phthalate (DINP)	0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--
Diisodecyl phthalate (DIDP)	<0.01	<0.01	--
Sum of eight phthalates	0.03	<0.01	0.1

The above limit was quoted according to Chinese National Standard on Safety of Toys CNS 4797: 2012 No. Z7066 for Phthalate content in Toys and Children articles.



Test Report

Number: HKGH02011558

Tested Components:

- (1) Coatings on paper card (box - WWF Animal Playing Cards).
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards).
- (3) Coatings on paper sheet (box - Wild Guess).
- (4) Coatings on paper board (box - Wild Guess).
- (5) Coatings on paper card (stand - Wild Guess).
- (6) Coatings on paper board (game board, game pieces - Wild Guess).
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle).
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box).
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin).
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats).
- (11) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box).
- (12) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats).

Date sample received : Aug 19, 2016

Test Period : Aug 19, 2016 to Aug 24, 2016



Test Report

Number: HKGH02011558

(11) Physical and Mechanical Test

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 and Regulations Amending the Toys Regulations SOR/2016-195.

Age group for testing :

- (1) For ages over 3 years (WWF990, WWF991, WWF994, WWF996, WWF997, WWF201, WWF202).
- (2) For ages over 6 years (WWF992).
- (3) For ages over 8 years (WWF081, WWF082, WWF083, WWF084, WWF085, WWF086, WWF087, WWF088, WWF101, WWF102, WWF103, WWF104).

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 Regulations Amending the Toys Regulations SOR/2016-195:	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x (0.909±0.005)m
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
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 mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	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
	<u>Auditory hazards</u>	
19	Noise limit	NA
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	NA
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA



Test Report

Number: HKGH02011558

No.	Testing Items	Assessment
29	Stuffing materials	
	(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 and noses	NA
	<u>Plant seeds</u>	
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	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark : P = Pass NA = Not applicable

Date sample received : Aug 19, 2016
Testing period : Aug 19, 2016 to

(12) Flammability Test for (WWF990, WWF991, WWF994, WWF996, WWF997, WWF201, WWF202, WWF992, WWF101, WWF12, WWF103, WWF104)

Test Standard : Australian / New Zealand Standard AS/NZS 8124-2:2016.

Clause	Testing items	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 play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Remark : P = Pass NA= Not applicable

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

Date sample received : Aug 19, 2016
Testing period : Aug 19, 2016 to Aug 31, 2016



Test Report

Number: HKGH02011558

(13) Mechanical and Physical Test

Test standard: European Standard on Safety of toys EN71-1 : 2014

Age group for testing : For ages over 8 years (WWF081, WWF082, WWF083, WWF084, WWF085, WWF086, WWF087, WWF088).

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA



Test Report

Number: HKGH02011558

Clause	Testing items	Assessment
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	#1

Abbreviation : P = Pass NA = Not Applicable

Remark:

#1 - The item examined is not a toy. Therefore, the warning and other requirements as specified in this clause do not apply.

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 31, 2016

(14) Flammability Test for (WWF081, WWF082, WWF083, WWF084, WWF085, WWF086, WWF087, WWF088)

Test Standard : European Standard on Safety of Toys EN71-2:2011 + A1:2014

Clause	Testing items	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 play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Remark : P = Pass NA= Not applicable

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 31, 2016



Test Report

Number: HKGH02011558

(15) Polycyclic Aromatic Hydrocarbons (PAH) Content

Test method: Solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Compound	Result (ppm)					Requirement (ppm)
	(1/2/3)	(4/5/6)	(7/8)	(9/10)	(11/12)	
Benzo(a)pyrene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Benzo(e)pyrene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Benzo(a)anthracene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Chrysene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Benzo(b)fluoranthene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Benzo(j)fluoranthene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Benzo(k)fluoranthene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5
Dibenzo(a,h)anthracene	<0.10	<0.10	<0.10	<0.10	<0.10	0.5

Remark : ppm = parts per million = mg/kg
Detection limit = 0.1 ppm

The above limit was quoted according to Annex XVII Items 50 of the REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 for polycyclic aromatic hydrocarbons (PAH).

Tested Components :

- (1) Coatings on paper card (box - WWF Animal Playing Cards) .
- (2) Coatings on paper card (playing card - WWF Animal Playing Cards) .
- (3) Coatings on paper sheet (box - Wild Guess) .
- (4) Coatings on paper board (box - Wild Guess) .
- (5) Coatings on paper card (stand - Wild Guess) .
- (6) Coatings on paper board (game board, game pieces - Wild Guess) .
- (7) Coatings on paper board (box - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle) .
- (8) Coatings on paper board (puzzle, tag - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle/ puzzle - 12 Animal Shaped Puzzles in Panda Box) .
- (9) Coatings on paper board (puzzle - box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin) .
- (10) Coatings on paper card (puzzle - WWF Animal Block Puzzle - Wild Cats) .
- (11) Paper sheet with plastic film (box - WWF 1000 Puzzle - Owls, WWF 1000 Puzzle - Sea Turtles, WWF 1000 Puzzle - Wild Cats, WWF 1000 Puzzle - Tigers, WWF 1000 Puzzle - Penguins, WWF 1000 Puzzle - Birds, WWF 1000 Puzzle - Wolves, WWF 1000 Puzzle - Pandas, WWF Animal 100 pc Puzzles - Baby Snow Leopard, WWF Animal 100 pc Puzzles - Baby Elephant, WWF Animal 100 pc Puzzles - Baby Giraffe, WWF Animal 100 pc Puzzles - Baby Penguin, WWF 12 Animal Shaped Puzzles in Panda Box) .
- (12) Paper board with plastic film (box - WWF Animal Block Puzzle - Wild Cats) .

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 24, 2016





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Test Report

Number: HKGH02011558

(16) Pentachlorophenol (PCP) Content

Test Standard : §64 LFGB B82.02-8.

Tested Component	Result (ppm)
(1)	<0.5

Remark :

ppm = parts per million = mg/kg

Tested Component :

- (1) Beige string (handle - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle, WWF Animal Block Puzzle - Wild Cats) .

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 26, 2016



Test Report

Number: HKGH02011558

(17) Detection Of Amines Derived From Azocolourants and Azodyes

Test Method : By extraction on cut sample according to the below listed test method(s), followed by Gas Chromatographic - Mass Spectrometric (GC-MS) analysis.

EN 14362-1 : 2012 for Textile Material
EN ISO 17234-1: 2010 for Leather Material
EN 14362-3 : 2012 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

No.	Forbidden Amine	CAS No.	Result
			(1)
1.	4-Aminodiphenyl	92-67-1	N
2.	Benzidine	92-87-5	N
3.	4-Chloro-o-toluidine	95-69-2	N
4.	2-Naphthylamine	91-59-8	N
5.	o-Aminoazotoluene	97-56-3	N
6.	2-Amino-4-nitrotoluene	99-55-8	N
7.	p-Chloroaniline	106-47-8	N
8.	2,4-Diaminoanisole	615-05-4	N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N
10.	3,3'-Dichlorobenzidine	91-94-1	N
11.	3,3'-Dimethoxybenzidine	119-90-4	N
12.	3,3'-Dimethylbenzidine	119-93-7	N
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N
14.	p-Cresidine	120-71-8	N
15.	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N
16.	4,4'-Oxydianiline	101-80-4	N
17.	4,4'-Thiodianiline	139-65-1	N
18.	o-Toluidine	95-53-4	N
19.	2,4-Toluylenediamine	95-80-7	N
20.	2,4,5-Trimethylaniline	137-17-7	N
21.	o-Anisidine	90-04-0	N
22.	p-Aminoazobenzene	60-09-3	N

Remark : N = Not detected
Detection limit = 5 ppm
Requirement = 30 ppm (max.)
ppm = parts per million = mg/kg

Tested Component :

- (13) Beige string (handle - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle, WWF Animal Block Puzzle - Wild Cats) .

Date sample received : Aug 19, 2016
Testing period : Aug 19, 2016 to Aug 27, 2016





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Test Report

Number: HKGH02011558

(18) Free Formaldehyde Content

Test Standard : ISO 14184-1, by Spectrometric Analysis.

Tested Component	Result (ppm)
(1)	<5

Remark : ppm = parts per million = mg/kg

Tested Component :

- (1) Beige string (handle - WWF Madagascar Floor Puzzle, WWF Marine Life Floor Puzzle, WWF Wild Cats Floor Puzzle, WWF Polar Regions Floor Puzzle, WWF Animal Block Puzzle - Wild Cats) .

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 24, 2016





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Test Report

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1 = The item examined is not a toy. Therefore, the warning and other requirement as specified in this section did not apply.

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received : Aug 19, 2016

Testing period :Aug 19, 2016 to Aug 31, 2016

(20) Cellulose Nitrate and Celluloid for (WWF990, WWF991, WWF994, WWF996, WWF997, WWF201, WWF202, WWF992, WWF081, WWF082, WWF083, WWF084, WWF085, WWF086, WWF087, WWF088, WWF101, WWF102, WWF103, WWF104)

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

	<u>Assessment</u>	<u>Requirement</u>
(A) Cellulose Nitrate/Celluloid	Absent	Absent

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 31, 2016



Test Report

Number: HKGH02011558

(21) Physical and Mechanical Test

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 and Regulations Amending the Toys Regulations SOR/2016-195.

Age group for testing :

- (1) For ages over 3 years (WWW990, WWF991, WWF994, WWF996, WWF997, WWF201, WWF202).
- (2) For ages over 6 years (WWF992).
- (3) For ages over 8 years (WWF081, WWF082, WWF083, WWF084, WWF085, WWF086, WWF 087, WWF088, WWF101, WWF102, WWF103, WWF104).

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 Regulations Amending the Toys Regulations SOR/2016-195:	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x (0.909±0.005)m
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
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 mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	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
	<u>Auditory hazards</u>	
19	Noise limit	NA
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	NA
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA





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Test Report

Number: HKGH02011558

No.	Testing Items	Assessment
29	Stuffing materials	
	(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 and noses	NA
	<u>Plant seeds</u>	
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	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark : P = Pass NA = Not applicable

Date sample received : Aug 19, 2016

Testing period : Aug 19, 2016 to Aug 31, 2016



Test Report

Number: HKGH02011558

(23) Mechanical and Physical Test

Test standard: European Standard on Safety of toys EN71-1 : 2014

Age group for testing :

- (1) For ages over 3 years (WWW990, WWF991, WWF994, WWF996, WWF997, WWF201, WWF202).
- (2) For ages over 6 years (WWF992).
- (3) For ages over 8 years (WWF101, WWF102, WWF103, WWF104).

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA





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Hong Kong Toys Council

Test Report

Number: HKGH02011558

Clause	Testing items	Assessment
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

Abbreviation : P = Pass NA = Not Applicable



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Test Report

Number: HKGH02011558

HKGH02011558-A



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