



**Test Report**

Number: SHAH00416650

Applicant: AnaMalz Ip (Aust) Pty Ltd  
Factory 2/11 Trehwhitt Court, Dromana, VIC 3936, Australia

Date: NOV 18, 2013

Sample Description:

Three (3) styles of submitted sample said to be :

- Item Name : Gorilla, Elephant, Zebra, Giraffe, Hippo, Lion, Crocodile, Cow, Bull, Pig, Sheep, Brown Bear, Camel, Rhino, Reindeer, Donkey, Emu, Panda, Tiger, Goat, Black Ram, Kangaroo, Parasaurolophus, Torosaurus, Brontosaurus, Triceratops, Tyrannosaurus Rex, Stegosaurus, Llama, Baboon, Buffalo, Moose, Polar Bear, Horse, Apple Tree, Wild Tree, Orange Tree, Toucan, Echidna, Wombat, Koala.
- Item No. : GR2010, EL2010, ZE2010, GI2010, HI2010, LI2010, CR2010, CO2010, BU2010, PI2010, SH2010, BE2010, CA2010, RH2010, RE2010, DO2010, EM2010, PA2010, TI2010, GO2010, RA2010, KA2010, PR2010, TO2010, BR2010, TR2010, TY2010, ST2010, LL2010, BA2010, BF2010, MO2010, PO2010, HO2010, AT2010, WT2010, OT2010, TU2010, EC2010, WB2010, KO2010.
- Quantity : 3 Sets Per Style.
- Labelled Age Group : Not Specified.
- Applicant's Specified Age Grading for testing : 2+.
- Packaging Provided By Applicant : Yes.
- Manufacturer : Anamalz Ip (Aust) Pty Ltd.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Tested Samples	Standard	Result
Submitted Sample Set	U.S. ASTM F963-11 - Physical And Mechanical Tests	Pass
	U.S. ASTM F963-11 - Flammability Test of Materials Other Than Textile Materials	Pass
	EN71-1 : 2011 for Mechanical and Physical Properties	Pass
	EN71 Part 2: 2011 Flammability Test	Pass
Tested components of submitted sample	U.S. ASTM F963-11 for heavy metal elements test for surface coating material	Pass
	U.S. ASTM F963-11 for soluble elements test for non-surface coating materials	Pass
	U.S. ASTM F963-11 for total Lead content test	Pass

To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai

Jacob Lin  
General Manager





**Test Report**

Number: SHAH00416650

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted sample	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	EN 71-3:2013 for migration of certain elements	Pass
	Phthalates content requirement in US Consumer Product Safety Improvement Act 2008 & Amendment H.R.2715	Pass

Comment:

The testing scope of the following standard(U.S. ASTM F963-11 section 4.3.5.1 ) was / were not applicable to the submitted samples. However, the test results of the samples met / did not meet the related requirements as stated in this report.

As requested by the applicant, heavy metal elements content test were conducted only on components listed in this report. Other components were not tested

\*\*\*\*\*

To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai

Jacob Lin  
General Manager



Tests Conducted

1 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Applicant's Specified Age Group for Testing: For Ages 2 years And Up

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -

Test	FHSA	Parameter
Impact Test	Section 1500.53(b)	4 x 3.0 ft
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf
Flexure Test	Section 1500.53(d)	15 lbf

Section	Testing Items	Assessment
4.1	Material Quality (Visual Check on Cleaningless)	P
4.3.7	Stuffing Material (Visual Check on Contaminations)	P
4.5	Sound-Producing Toys	NA
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	P
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	NA
4.9	Accessible Points	P
4.10	Wires Or Rods	P
4.11	Nails And Fasteners	P
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NA
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	P
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA



**Test Report**

Number: SHAH00416650

Tests Conducted

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
5	Labelling Requirement	P
6	Instructional Literature	P
7	Producer's Markings	
	- Name of Producer/Distributor (Package)	Yes
	- Address (Package)	Yes

Remark: The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass; F = Fail; NA = Not Applicable

Date Sample Received: Oct.25, 2013 & Nov.8, 2013

Testing Period: Oct.25, 2013 To Nov.8, 2013

2 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-11.

<u>Sample</u>	<u>Ignition Point</u>	<u>Burn Length</u> (inch)	<u>Time</u> (sec)	<u>Actual Burn Rate</u> (inch/sec)	<u>Round Up # Burn Rate</u> (inch/sec)	<u>Limit</u> (inch/sec)
Toy bag	Edge	7-1/2	60	0.13	0.10	0.10

All styles of The submitted toy sample and its accessories were tested, the above result only showed the most severe burn rate of the samples.

# = According to the ASTM F963 flammability requirement, the burn rate shall be round up to the nearest tenth.

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.28, 2013

\*\*\*\*\*

To be continued

Tests Conducted

3 Mechanical and Physical Test

As per European Standard on Safety of Toys EN 71-1 : 2011.

Applicant's age group for testing : For ages 2 years and up

The submitted samples were undergone the following abuse tests:	
Clause	Testing items
8.3	Torque test ( 0.34 Nm )
8.4.2.1	Tension test ( 90 N )
8.4.2.2	Seams and materials (70 N )
8.5	Drop test (850 mm x 5 times )
8.7	Impact test
8.8	Compression test (110 N )

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	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	P
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA

Tests Conducted

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	NA
7.2	Toys not intended for children under 36 months	NA
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, inline skates, 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

Remark : P = Pass NA = Not Applicable

\*\*\*\*\*

To be continued

Tests Conducted

Below are additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packaging shall also bear the CE-marking.

After checking, it was found that

- All the above markings were presented on the packaging.

Date Sample Received: Oct.25, 2013 & Nov.8, 2013

Testing Period: Oct.25, 2013 To Nov.8, 2013

4 Flammability Test

As per European Standard on Safety of Toys EN71-2 : 2011

<u>Clause</u>	<u>Testing Items</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 Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	P

Remark: P = Pass; NA = Not Applicable

Note: As requested by applicant, samples were tested to EN71-2 before washing.

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.28, 2013

5 Heavy Metal Elements Analysis (Surface Coating)

As per section 4.3.5.1 of the ASTM standard consumer safety specification on toy safety F963-11, CPSC-CH-E1003-09.1 and extraction methods were used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>															<u>Limit (ppm)</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(13)	(14)	(15)	(16)		
Total Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000	
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90	
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75	
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500	
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25	

Remark: Sol. = soluble

ppm = parts per million = mg/kg

spl.wt. = sample weight

\*\*\*\*\*

To be continued

Tests Conducted

Tested components:

- (1) Black coating on wood. (spl.wt. = 26 mg)
- (2) Brown coating on wood. (camel) (spl.wt. = 11 mg)
- (3) Transparent varnish coating on wood. (spl.wt. = 31 mg)
- (4) White coating on wood. (dog) (spl.wt. = 19 mg)
- (5) Orange coating on wood. (giraffe) (spl.wt. = 10 mg)
- (6) Brown coating on wood. (bug) (spl.wt. = 35 mg)
- (7) Gray coating on wood. (rhinoceros)
- (8) Dark brown coating on wood. (monkey) (spl.wt. = 26 mg)
- (9) Red coating on wood. (baboon) (spl.wt. = 12 mg)
- (10) Blue coating on wood. (baboon) (spl.wt. = 61 mg)
- (11) Pink coating on wood. (baboon)
- (12) Light brown coating on wood. (cow)
- (13) Green coating on wood. (bird) (spl.wt. = 29 mg)
- (14) Dark blue coating on wood. (bird) (spl.wt. = 10 mg)
- (15) Yellow coating on wood. (bird) (spl.wt. = 14 mg)
- (16) Fuchsia coating on wood. (pig) (spl.wt. = 99 mg)
- (17) Orange red coating on wood. (goat)
- (18) Cream coating on wood. (gazelle ass) (spl.wt. = 25 mg)
- (19) Dark gray coating on wood. (hippo) (spl.wt. = 29 mg)

The sample weight in bracket were for soluble heavy elements analysis only.

Remark: Since the sample weight of the components (11) & (12) were less than 10 mg, soluble elements analysis was not conducted. Only total Lead content was tested.

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.31, 2013

6 Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-11, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)															Limit (ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result (ppm)															Limit (ppm)
	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

\*\*\*\*\*

To be continued



Tests Conducted

	<u>Result (ppm)</u>															<u>Limit (ppm)</u>
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result (ppm)</u>													<u>Limit (ppm)</u>
	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)		
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000	
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90	
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75	
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500	
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60	
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25	

Remark: Sol. = soluble

ppm = parts per million = mg/kg

spl.wt. = sample weight

Tested components:

- (1) 2mm green plush fabric. (bag)
- (2) Khaki woven fabric. (on bag)
- (3) Tan woven fabric. (on bag)
- (4) Brown flocking fabric. (on bag)
- (5) Yellow fleece fabric. (on bag)
- (6) Green satin woven fabric. (on bag)
- (7) Brown fake chammy fabric. (bag)
- (8) White chiffon fabric. (on bag)
- (9) Beige woven fabric with brown printing. (lining)
- (10) Natural color wood.
- (11) White/gray cord.
- (12) White satin woven fabric with black printing. (sewn-in label)
- (13) Natural color plywood.
- (14) Green woven fabric. (tree)
- (15) Orange non-woven fabric. (tree)
- (16) Red non-woven fabric. (tree)
- (17) Dark green woven fabric. (tree)
- (18) Green woven fabric. (tree)
- (19) Grass green woven fabric. (tree)
- (20) Khaki non-woven fabric. (camel ear) (spl.wt. = 23 mg)
- (21) 2mm beige plush fabric. (camel)
- (22) Beige cord. (foot)
- (23) Dark beige cord. (tail)
- (24) White soft plastic. (horn)
- (25) 2mm dark blue plush fabric. (dinosaur)
- (26) 2mm dark gray plush fabric. (dog, kangaroo, elephant)
- (27) Black flocking fabric. (panda ear) (spl.wt. = 31 mg)
- (28) 2mm beige plush fabric with orange printing. (giraffe)

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH00416650

Tests Conducted

- (29) Tan cord. (giraffe tail) (spl.wt. = 68 mg)
- (30) Gray soft plastic. (dinosaur)
- (31) 2mm dark beige plush fabric. (dinosaur)
- (32) 2mm dark green plush fabric. (dinosaur)
- (33) 2mm brown plush fabric. (bear)
- (34) Brown non-woven fabric. (bear ear) (spl.wt. = 16 mg)
- (35) Green non-woven fabric. (crocodile)
- (36) Light gray non-woven fabric. (rhinoceros ear) (spl.wt. = 27 mg)
- (37) Gray cord. (rhinoceros tail) (spl.wt. = 56 mg)
- (38) 2mm orange red plush fabric. (dinosaur)
- (39) 2mm dark brown plush fabric. (dinosaur)
- (40) 2mm cream plush fabric. (dinosaur)
- (41) 2mm orange plush fabric. (lion)
- (42) 2mm yellow plush fabric. (lion)
- (43) 2mm black plush fabric. (baboon)
- (44) 2mm light gray plush fabric. (dinosaur) (spl.wt. = 91 mg)
- (45) White flocking fabric. (sheep ear) (spl.wt. = 40 mg)
- (46) Brown soft plastic. (horn)
- (47) Brown caddice. (yak)
- (48) Black cord. (tail) (spl.wt. = 90 mg)
- (49) Black non-woven fabric. (zebra ear) (spl.wt. = 65 mg)
- (50) 2mm white plush fabric with black printing. (zebra)
- (51) Black cord. (zebra tail) (spl.wt. = 90 mg)
- (52) 2mm orange plush fabric with black printing. (tiger) (spl.wt. = 21 mg)
- (53) Pink flocking fabric. (pig ear) (spl.wt. = 51 mg)
- (54) Pink cord. (pig tail) (spl.wt. = 46 mg)
- (55) Cream non-woven fabric. (polar bear) (spl.wt. = 21 mg)
- (56) Cream thread. (goat)
- (57) Tan soft plastic. (horn)

The sample weight in bracket were for soluble heavy elements analysis only.

Date Sample Received: Oct.25, 2013  
Testing Period: Oct.25, 2013 To Oct.31, 2013

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH00416650

Tests Conducted

7 Total Lead (Pb) Content

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-11, test methods CPSC-CH-E1002-08.1 and CPSC-CH-E1003-09.1 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

( I ) Surface coating

<u>Tested component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(4)	<20	90
(5)	<20	90
(6)	<20	90
(8)	<20	90
(9)	<20	90
(12)	<20	90
(13)	<20	90
(14)	<20	90
(15)	<20	90
(16)	<20	90
(17)	<20	90
(20)	<20	90
(21)	<20	90
(22)	<20	90
(23)	<20	90
(25)	<20	90
(26)	<20	90
(28)	<20	90
(29)	<20	90

( II ) Non-surface coating

<u>Tested component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	<10	100
(2)	<10	100
(3)	<10	100
(7)	<10	100
(10)	<10	100
(11)	<10	100
(18)	<10	100
(19)	<10	100
(24)	<10	100
(27)	<10	100

Remark: ppm = parts per million = mg/kg

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH00416650

Tests Conducted

Tested Components:

- (1) Beige woven fabric with brown printing. (lining)
- (2) White satin woven fabric with black printing. (sewn-in label)
- (3) Natural color plywood.
- (4) Black coating on wood.
- (5) Brown coating on wood. (camel)
- (6) Transparent varnish coating on wood.
- (7) White soft plastic. (horn)
- (8) White coating on wood. (dog)
- (9) Orange coating on wood. (giraffe)
- (10) 2mm beige plush fabric with orange printing. (giraffe)
- (11) Gray soft plastic. (dinosaur)
- (12) Brown coating on wood. (bug)
- (13) Gray coating on wood. (rhinoceros)
- (14) Dark brown coating on wood. (monkey)
- (15) Red coating on wood. (baboon)
- (16) Blue coating on wood. (baboon)
- (17) Pink coating on wood. (baboon)
- (18) Brown soft plastic. (horn)
- (19) 2mm white plush fabric with black printing. (zebra)
- (20) Light brown coating on wood. (cow)
- (21) Green coating on wood. (bird)
- (22) Dark blue coating on wood. (bird)
- (23) Yellow coating on wood. (bird)
- (24) 2mm orange plush fabric with black printing. (tiger)
- (25) Fuchsia coating on wood. (pig)
- (26) Orange red coating on wood. (goat)
- (27) Tan soft plastic. (horn)
- (28) Cream coating on wood. (gazelle ass)
- (29) Dark gray coating on wood. (hippo)

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.31, 2013

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH00416650

Tests Conducted

8 Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(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
(13)	<20	90
(14)	<20	90
(15)	<20	90
(16)	<20	90
(17)	<20	90
(18)	<20	90
(19)	<20	90

Remark: ppm = Parts per million = mg/kg

Tested Components:

- (1) Black coating on wood.
- (2) Brown coating on wood. (camel)
- (3) Transparent varnish coating on wood.
- (4) White coating on wood. (dog)
- (5) Orange coating on wood. (giraffe)
- (6) Brown coating on wood. (bug)
- (7) Gray coating on wood. (rhinoceros)
- (8) Dark brown coating on wood. (monkey)
- (9) Red coating on wood. (baboon)
- (10) Blue coating on wood. (baboon)
- (11) Pink coating on wood. (baboon)
- (12) Light brown coating on wood. (cow)
- (13) Green coating on wood. (bird)
- (14) Dark blue coating on wood. (bird)
- (15) Yellow coating on wood. (bird)
- (16) Fuchsia coating on wood. (pig)
- (17) Orange red coating on wood. (goat)
- (18) Cream coating on wood. (gazelle ass)
- (19) Dark gray coating on wood. (hippo)

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.31, 2013

\*\*\*\*\*

To be continued

**Intertek Testing Services Ltd., Shanghai**

Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233

上海天祥質量技術服務有限公司

上海市宜山路 801 號金陵商務廣場 B 座 200233

Telephone: +86 21 6120 6060 Facsimile: +86 21 6127 9740

www.intertek.com www.intertek.com.cn



**Test Report**

Number: SHAH00416650

Tests Conducted

9 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method CPSC-CH-E1002-08.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)	<10	100
(2)	<10	100
(3)	<10	100
(4)	<10	100
(5)	<10	100
(6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100

Remark: ppm = Parts per million = mg/kg

Tested Components:

- (1) Beige woven fabric with brown printing. (lining)
- (2) White satin woven fabric with black printing. (sewn-in label)
- (3) Natural color plywood.
- (4) White soft plastic. (horn)
- (5) 2mm beige plush fabric with orange printing. (giraffe)
- (6) Gray soft plastic. (dinosaur)
- (7) Brown soft plastic. (horn)
- (8) 2mm white plush fabric with black printing. (zebra)
- (9) 2mm orange plush fabric with black printing. (tiger)
- (10) Tan soft plastic. (horn)

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.31, 2013

\*\*\*\*\*

To be continued

**Intertek Testing Services Ltd., Shanghai**

Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233

上海天祥質量技術服務有限公司

上海市宜山路 801 號金陵商務廣場 B 座 200233

Telephone: +86 21 6120 6060 Facsimile: +86 21 6127 9740

www.intertek.com www.intertek.com.cn

Tests Conducted

10 19 Toxic Elements Migration Test

(A) Test Result

As per EN 71-3: 2013 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography-Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

Element	Result (mg/kg)							Limit (mg/kg)
	(1)	(2)	(3)	(4)#	(5)	(6)	(7)	
Aluminium (Al)	< 300	< 300	< 300	649	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)							Limit (mg/kg)
	(8)	(9)	(10)	(11)#	(12)	(13)	(14)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	140	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

\*\*\*\*\*

To be continued

Tests Conducted

Element	Result (mg/kg)							Limit (mg/kg)
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)							Limit (mg/kg)
	(22)	(23)	(24)#	(25)	(26)	(27)	(28)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	33	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

\*\*\*\*\*

To be continued



Tests Conducted

Element	Result (mg/kg)							Limit (mg/kg)
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)							Limit (mg/kg)
	(36)	(37)	(38)	(39)	(40)	(41)	(42)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

\*\*\*\*\*  
To be continued

Tests Conducted

Element	Result (mg/kg)							Limit (mg/kg)
	(43)#	(44)	(45)	(46)	(47)	(48)	(49)#	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)						Limit (mg/kg)
	(50)#	(51)	(52)	(54)	(55)	(56)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	46000

\*\*\*\*\*

To be continued

Tests Conducted

Element	Result (mg/kg)						Limit (mg/kg)
	(57)	(58)#	(59)	(60)	(61)	(62)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)						Limit (mg/kg)	
	(64)	(65)	(66)	(67)#	(68)#	(69)		(70)
Aluminium (Al)	< 300	< 300	< 300	< 300	340	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	46000

\*\*\*\*\*

To be continued

Tests Conducted

Element	Result (mg/kg)						Limit (mg/kg)
	(71)#	(72)	(73)#	(74)	(75)	(76)	
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III)	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	46000

Remark: mg/kg = milligram per kilogram  
spl.wt. = Sample Weight

- Organic tin test result was expressed as tributyl tin.
- Unless specified, determination of Chromium (III), Chromium (VI) and Organic tin was based on elemental analysis.

# = Confirmation of Chromium (VI) test was performed on the tested component.

Tested Components:

- (1) 2mm green plush fabric. (bag)
- (2) Khaki woven fabric. (on bag)
- (3) Tan woven fabric. (on bag)
- (4) Brown flocking fabric. (on bag)
- (5) Yellow fleece fabric. (on bag)
- (6) Green satin woven fabric. (on bag)
- (7) Brown fake chammy fabric. (bag)
- (8) White chiffon fabric. (on bag)
- (9) Beige woven fabric with brown printing. (lining)
- (10) Natural color wood.
- (11) White/gray cord.
- (12) White satin woven fabric with black printing. (sewn-in label)
- (13) Natural color plywood.
- (14) Green woven fabric. (tree)
- (15) Orange non-woven fabric. (tree)
- (16) Black coating on wood. (spl.wt. = 26 mg)
- (17) Red non-woven fabric. (tree)
- (18) Dark green woven fabric. (tree)
- (19) Green woven fabric. (tree)
- (20) Grass green woven fabric. (tree)
- (21) Khaki non-woven fabric. (camel ear) (spl.wt. = 23 mg)
- (22) 2mm beige plush fabric. (camel)
- (23) Brown coating on wood. (camel) (spl.wt. = 11 mg)
- (24) Beige cord. (foot)

\*\*\*\*\*

To be continued

Tests Conducted

- (25) Dark beige cord. (tail)
- (26) Transparent varnish coating on wood. (spl.wt. = 31 mg)
- (27) White soft plastic. (horn)
- (28) 2mm dark blue plush fabric. (dinosaur)
- (29) White coating on wood. (dog) (spl.wt. = 19 mg)
- (30) 2mm dark gray plush fabric. (dog, kangaroo, elephant)
- (31) Black flocking fabric. (panda ear) (spl.wt. = 31 mg)
- (32) Orange coating on wood. (giraffe) (spl.wt. = 10 mg)
- (33) 2mm beige plush fabric with orange printing. (giraffe)
- (34) Tan cord. (giraffe tail) (spl.wt. = 68 mg)
- (35) Gray soft plastic. (dinosaur)
- (36) 2mm dark beige plush fabric. (dinosaur)
- (37) Brown coating on wood. (bug) (spl.wt. = 35 mg)
- (38) 2mm dark green plush fabric. (dinosaur)
- (39) 2mm brown plush fabric. (bear)
- (40) Brown non-woven fabric. (bear ear) (spl.wt. = 16 mg)
- (41) Green non-woven fabric. (crocodile)
- (42) Gray coating on wood. (rhinoceros)
- (43) Light gray non-woven fabric. (rhinoceros ear) (spl.wt. = 27 mg)
- (44) Gray cord. (rhinoceros tail) (spl.wt. = 56 mg)
- (45) Dark brown coating on wood. (monkey) (spl.wt. = 26 mg)
- (46) 2mm orange red plush fabric. (dinosaur)
- (47) 2mm dark brown plush fabric. (dinosaur)
- (48) 2mm cream plush fabric. (dinosaur)
- (49) 2mm orange plush fabric. (lion)
- (50) 2mm yellow plush fabric. (lion)
- (51) Red coating on wood. (baboon) (spl.wt. = 12 mg)
- (52) Blue coating on wood. (baboon) (spl.wt. = 61 mg)
- (53) Pink coating on wood. (baboon)
- (54) 2mm black plush fabric. (baboon)
- (55) 2mm light gray plush fabric. (dinosaur) (spl.wt. = 9 mg)
- (56) White flocking fabric. (sheep ear) (spl.wt. = 40 mg)
- (57) Brown soft plastic. (horn)
- (58) Brown caddice. (yak)
- (59) Black cord. (tail) (spl.wt. = 90 mg)
- (60) Black non-woven fabric. (zebra ear) (spl.wt. = 65 mg)
- (61) 2mm white plush fabric with black printing. (zebra)
- (62) Black cord. (zebra tail) (spl.wt. = 90 mg)
- (63) Light brown coating on wood. (cow)
- (64) Green coating on wood. (bird) (spl.wt. = 29 mg)
- (65) Dark blue coating on wood. (bird) (spl.wt. = 10 mg)
- (66) Yellow coating on wood. (bird) (spl.wt. = 14 mg)
- (67) 2mm orange plush fabric with black printing. (tiger) (spl.wt. = 21 mg)
- (68) Pink flocking fabric. (pig ear) (spl.wt. = 51 mg)
- (69) Fuchsia coating on wood. (pig) (spl.wt. = 99 mg)
- (70) Pink cord. (pig tail) (spl.wt. = 46 mg)
- (71) Cream non-woven fabric. (polar bear) (spl.wt. = 21 mg)
- (72) Cream thread. (goat)
- (73) Orange red coating on wood. (goat) (spl.wt. = 25 mg)
- (74) Tan soft plastic. (horn)
- (75) Cream coating on wood. (gazelle ass) (spl.wt. = 29 mg)
- (76) Dark gray coating on wood. (hippo)

@ = Since the sample weight of the components (53) & (63) were less than 10 mg, soluble heavy metal analysis was not applicable.

\*\*\*\*\*

To be continued

Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Oct.31, 2013

11 Phthalate content test

With reference to CPSC-CH-C1001-09.3, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

<u>Tested compound</u>	<u>Result (%w/w)</u>										<u>Limit</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	<u>(%w/w)</u>
Di-butyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1

<u>Tested compound</u>	<u>Result (%w/w)</u>										<u>Limit</u>
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	<u>(%w/w)</u>
Di-butyl phthalate (DBP)	ND	ND	ND	0.03	ND	ND	ND	ND	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1

\*\*\*\*\*

To be continued



**Test Report**

Number: SHAH00416650

Tests Conducted

<u>Tested compound</u>	<u>Result (%.w/w)</u>									<u>Limit(%.w/w)</u>
										<u>(MAX.)</u>
	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	
Di-butyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1

Remark: The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 & Amendment H.R.2715 for prohibition on sale of certain products Containing specified phthalates.

Detection Limit = 0.01%(w/w)  
ND = Not Detected

Tested Components:

- (1) Beige woven fabric with brown printing. (lining)
- (2) White satin woven fabric with black printing. (sewn-in label)
- (3) Natural color plywood.
- (4) Black coating on wood.
- (5) Brown coating on wood. (camel)
- (6) Transparent varnish coating on wood.
- (7) White soft plastic. (horn)
- (8) White coating on wood. (dog)
- (9) Orange coating on wood. (giraffe)
- (10) 2mm beige plush fabric with orange printing. (giraffe)
- (11) Gray soft plastic. (dinosaur)
- (12) Brown coating on wood. (bug)
- (13) Gray coating on wood. (rhinoceros)
- (14) Dark brown coating on wood. (monkey)
- (15) Red coating on wood. (baboon)
- (16) Blue coating on wood. (baboon)
- (17) Pink coating on wood. (baboon)
- (18) Brown soft plastic. (horn)
- (19) 2mm white plush fabric with black printing. (zebra)
- (20) Light brown coating on wood. (cow)
- (21) Green coating on wood. (bird)
- (22) Dark blue coating on wood. (bird)
- (23) Yellow coating on wood. (bird)
- (24) 2mm orange plush fabric with black printing. (tiger)
- (25) Fuchsia coating on wood. (pig)
- (26) Orange red coating on wood. (goat)
- (27) Tan soft plastic. (horn)
- (28) Cream coating on wood. (gazelle ass)
- (29) Dark gray coating on wood. (hippo)

Date Sample Received: Oct.25, 2013

Testing Period: Oct.25, 2013 To Nov.1, 2013

\*\*\*\*\*

To be continued

**Intertek Testing Services Ltd., Shanghai**

Block B, Jinling Business Square, No.801 YiShan Road, Shanghai, China. 200233  
 上海天祥質量技術服務有限公司  
 上海市宜山路 801 號金陵商務廣場 B 座 200233  
 Telephone: +86 21 6120 6060 Facsimile: +86 21 6127 9740  
 www.intertek.com www.intertek.com.cn

Tests Conducted



\*\*\*\*\*  
To be continued



Tests Conducted



\*\*\*\*\*  
End of report

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.*