

Test Report

Report No.: TLSHF00008741

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Report on the submitted sample(s) said to be:

Sample Name : Matching Patches
 Item/Lot No. : 12734
 Quantity of Sample : 2 pcs
 Exported to : Europe
 Client Specified Age Grading : 3+
 Labeled Age Grading : NOT STATED
 Age Group Applied in Testing : 1+ YEARS
 Sample Received Date : Jan 16, 2013
 Further Information Date : Jan 24, 2013
 Sample Tested Date : Jan 16, 2013 to Jan 24, 2013

Test Conducted:

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

Tested by Helen Tang



Reviewed by Rex Chen

Approved by Victor Wang

Date

Jan 24, 2013

Victor Wang
Lab Manager

No. 11164545

Centre Testing International (Shenzhen) Co., Ltd. Shanghai Branch No.1996, New Jinqiao Road, Pudong District, Shanghai, China

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Executive Summary:

TEST REQUEST

CONCLUSION

European Standard on Safety of Toys:

- | | |
|---|-------------|
| - EN 71-1:2011 Mechanical and Physical Properties | PASS |
| - EN 71-2:2011 Flammability of Toys | PASS |
| - EN 71-3:1994 + A1:2000 + AC:2002 Migration of certain elements | PASS |
| - Labeling requirement (Washing Label, CE mark, Manufacture/Importer mark and product identification)—Directive 2009/48/EC Safety of toys | PASS |

For chemical test, the tested components are identified by the applicant.

***** For Further Details, Please Refer To the Following Page(s) *****

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EUROPEAN STANDARD ON SAFETY OF TOYS

▼ Mechanical and physical properties

As specified in European Standard on Safety of Toys EN 71 part 1:2011.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness.....	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.20	Acoustics	Pass
5	Toys intended for children under 36 months	
	--Washing/Cleaning.....	Pass
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	Pass
5.1b	Torque test (Test method 8.3)	Pass
	Tension test (Test method 8.4)	Pass
	Drop test (Test method 8.5)	Pass
	Impact test (Test method 8.7)	Pass
	Sharp edge (Test method 8.11)	Pass
	Sharp point (Test method 8.12)	Pass
5.4	Cords, chains and electrical cables in toys.....	Pass
7	Warnings and instructions for use	
	--CE marking requirement	Pass
	--Manufacturer and importer's name or registered name/trade mark and address.....	Pass
	--Product Identification: type, batch, serial or model number or other element..	Pass
7.1	General	Pass

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▼ **Flammability of Toys**

As specified in European Standard on Safety of Toys EN 71 part 2:2011.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General (The following materials shall not be used in the manufacture of toys except as provided in EN 71-2:2011 : Celluloid, materials with the same behaviour in fire as celluloid, materials with a piled surface which produce surface flash, flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels.)	Pass

▼ **Migration of certain elements**

As specified in European standard on safety of toys EN 71-3:1994+A1:2000+AC:2002 – Migration of certain elements, acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Tested Item</u>	<u>Result (mg/kg)</u>							<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	2.5	60
Soluble Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	2.5	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500

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Tested Item	Result (mg/kg)						MDL (mg/kg)	Limit (mg/kg)
	(8)	(9)	(10)	(11)	(12)	(13)		
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	ND	2.5	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	ND	5	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	ND	2.5	60
Soluble Lead (Pb)	ND	ND	ND	ND	ND	ND	5	90
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	ND	2.5	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	ND	5	500

Tested Item	Result (mg/kg)						MDL (mg/kg)	Limit (mg/kg)
	(14)	(15)	(16)	(17)	(18)	(19)		
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	ND	2.5	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	ND	5	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	ND	2.5	60
Soluble Lead (Pb)	ND	ND	ND	ND	ND	ND	5	90
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	ND	2.5	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	ND	5	500

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Tested Component(s):

- (1) White felt(body of dog)
- (2) Jacinth felt(crab)
- (3) Green felt(leaves)
- (4) Orange felt(crab) (sample weight:90mg)
- (5) Red felt(strawberry)
- (6) Dull blue fabric(bag)
- (7) Beige strand(belt of bag)
- (8) Red fabric(small square)
- (9) Green fabric(small square)
- (10) Sky blue fabric(small square)
- (11) Light yellow fabric(small square)
- (12) Blue fabric(small square)
- (13) Pink fabric(small square)
- (14) White fabric with black printing(back of small square)
- (15) Black felt(wheels & body of dog)
- (16) Peach-red felt(flower)
- (17) Dark green felt(leaves & tree & strawberry)
- (18) Dark brown felt(tree)
- (19) Dull felt(car)

Remark:

- mg/kg = milligram per kilogram = ppm
- ND = Not Detected (less than MDL)
- MDL = Method Detection Limit
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.
- Filter paper was used instead of 0.45µm membrane filter in lab testing.
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.

Note:

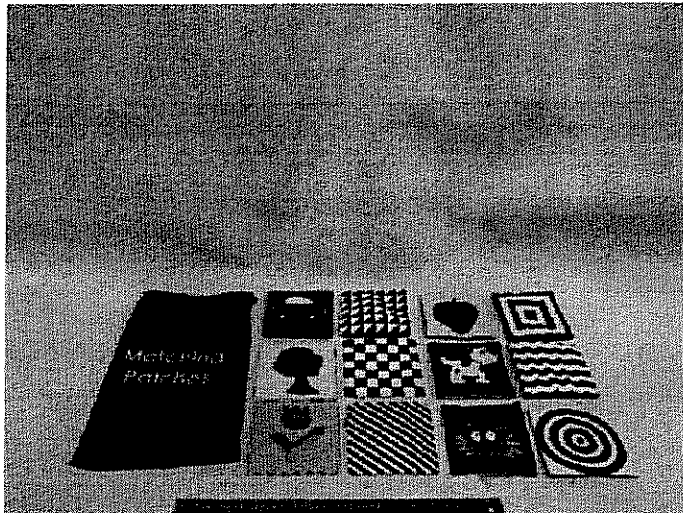
- Only applicable clauses were shown

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Photo of the sample



*** End of report ***

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