

CPST

Test Report

No. C170328032005

Date: Apr 07, 2017

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Progimpex – Promotional Gadgets Import & Export

(Robert)Schumanplein 2- 4 (Rondpunt)

1040 Brussel – Belgium

VAT BE 0843.946.718

The following samples were submitted and identified on behalf of the clients as

Sample Name: Red Boy Simon Doll
State Age Grade used for Testing: 0+
Test Age: All ages
Country of Destination: Belgium
CPST Internal Reference No.: C170328032
Sample Received Date: Mar 28, 2017
Test Period: Mar 28, 2017 to Apr 07, 2017

CONCLUSION :

<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
Red Boy Simon Doll	In accordance with the requirements of Europe toy safety Directive 2009/48/EC, to perform the related testing:	
	1)EN71-1:2014 – Physical and Mechanical Requirements	PASS
	2)EN71-2: 2011+A1:2014 – Flammability Requirements	PASS
	3)EN71-3: 2013+A1:2014 – Soluble Heavy Metals content	PASS

Signed for and on behalf of
Eurones Consumer Products Testing Service Co., Ltd



PREPARED BY :

REVIEWED BY:

APPROVED BY:

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Photo of the Submitted Sample



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Test result(s):

Description of Specimen	No.1	A children soft stuffed toy without package
	No.2	Black hair
	No.3	Yellow skin
	No.4	Red T shirt
	No.5	Black pants
	No.6	White textile of shoe
	No.7	Green textile of shoe
	No.8	Black textile of eye
	No.9	White textile of eye
	No.10	label

1) Mechanical and physical properties—EN 71 : Part 1:2014

Section	Description	Result
		No.1
4	General requirement	
4.1	Material cleanliness (by visual assessment)	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS. Remark: According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned, except if it contains a mechanism that may be damaged if soak washed. The toy shall fulfil the safety requirements also after having been cleaned. The manufacturer should provide instructions on how the toy has to be cleaned.	
5.1	General requirements Remark: Toys and removable components of toys intended for children under 36 months shall not produce any parts which, whatever their position, fit entirely in the cylinder before and after abuse.	Pass
5.1a	Small part requirement on toys & removable components	Pass
5.1b	Torque test (Test method 8.3)	Pass
	Tension test (Test method 8.4)	Pass

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<u>Section</u>	<u>Description</u>	<u>Result</u>
		No.1
	Drop test (Test method 8.5)	Pass
	Impact test (Test method 8.7)	Pass
	Compression test (Test method 8.8)	Pass
	Sharp edge (Test method 8.11)	Pass
	Sharp point (Test method 8.12)	Pass
5.1f	The casing of toys intended for children too young to sit up unaided	Pass
5.2	Soft-filled toys and soft-filled parts of a toy	Pass
8	Test Methods	
8.3	Torque Test	Pass
8.4	Tension Test	Pass
8.5	Drop Test	Pass
8.7	Impact Test	Pass
8.8	Compression Test	Pass

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2) Flammability—EN 71 : Part 2 : 2011+A1:2014

Section	Description	Result
		No.1
4	REQUIREMENTS	
4.1	General	Pass
4.5	Soft filled toys	Pass

Note:

4.1 The following materials shall not be used in the manufacture of toys:

- Celluloid (cellulose nitrate), except when used in varnish, paint or glue, or in balls of the type used for table tennis or similar games, and materials with the same behaviour in fire as celluloid. Specific materials to which the test flame is applied in order to check compliance of the toy with requirements in 4.2 to 4.5 are considered to comply with this requirement if the toy meets its appropriate requirements in 4.2 to 4.5;
- Materials with a piled surface which produce surface flash on the approach of a flame. Piled surfaces showing no momentary area of flame over the area of the piled surface remote from the test flame are considered to meet this requirement;
- Highly flammable solids.

In addition, toys shall not contain flammable gases, highly flammable liquids, flammable liquids, flammable gels except as provided for below:

- Flammable liquids, flammable gels and preparations supplied in sealed containers having a maximum volume of 15 ml per container;
- Highly flammable liquids and flammable liquids being entirely retained within a porous material in capillary channels of writing instruments;
- Flammable liquids with a viscosity greater than $260 \times 10^{-6} \text{m}^2/\text{s}$ corresponding to a flow time of more than 38 s when determined in accordance with EN ISO 2431 using cup No. 6;
- Highly flammable liquids contained in toys covered in EN 71-5.

NOTE: Different legal requirements may exist in non-EU countries.

4.5 The requirements of this clause do not apply to toys with a maximum dimension of 150 mm or less. A toy shall be tested as supplied, including any clothing present with the toy and, if considered to be more onerous, with the clothes removed if removal can be accomplished without damage to the clothes or toy.

When tested in accordance with 5.5, the rate of spread of flame on the surface shall not be more than 30 mm/s or shall self-extinguish.

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3) Soluble Heavy Metals —EN 71 : Part 3 : 2013+A1:2014

Test Method: With reference to EN 71-3:2013+A1:2014, analysis was performed by Instruments.

Test Items	Unit	Result					MDL
		Category III					
		No.2	No.3	No.4	No.5	No.6	
Soluble Aluminum(Al)	mg/kg	N.D.	N.D.	N.D.	78	N.D.	5
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	13	N.D.	5
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble trivalent chromium(Cr ³⁺)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble hexavalent chromium(Cr ⁶⁺)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.2
Soluble strontium (Sr)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Organotin	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	N.D.	N.D.	N.D.	13	5
Conclusion	-	PASS	PASS	PASS	PASS	PASS	-

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Test Items	Unit	Result				MDL
		Category III				
		No.7	No.8	No.9	No.10	
Soluble Aluminum(Al)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.05
Soluble trivalent chromium(Cr ³⁺)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.05
Soluble hexavalent chromiump(Cr ⁶⁺)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	0.2
Soluble strontium (Sr)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	N.D.	5
Soluble Organotin	mg/kg	N.D.	N.D.	N.D.	N.D.	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	9	6	11	5
Conclusion	-	PASS	PASS	PASS	PASS	-

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

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Annex

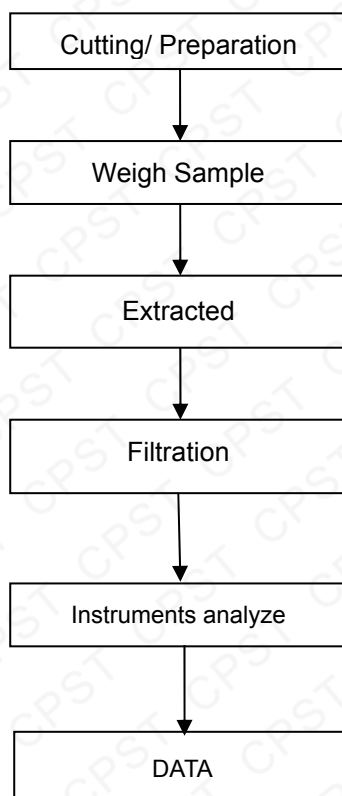
Soluble Element	Limit (mg/kg)		
	Category I	Category II	Category III
	Dry, brittle, powder-like or pliable toy material	Liquid or sticky toy material	Scraped-off toy material
Soluble Aluminum(Al)	5625	1406	70000
Soluble Antimony(Sb)	45	11.3	560
Soluble Arsenic(As)	3.8	0.9	47
Soluble Barium(Ba)	1500	375	18750
Soluble Boron(B)	1200	300	15000
Soluble Cadmium(Cd)	1.3	0.3	17
Soluble trivalent chromium(Cr ³⁺)	37.5	9.4	460
Soluble hexavalent chromium(Cr ⁶⁺)	0.02	0.005	0.2
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead (Pb)	13.5	3.4	160
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury (Hg)	7.5	1.9	94
Soluble Nickel (Ni)	75	18.8	930
Soluble Selenium (Se)	37.5	9.4	460
Soluble strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750	180000
Soluble Organotin	0.9	0.2	12
Soluble Zinc (Zn)	3750	938	46000

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Soluble Heavy Metals Testing Flow Chart

- 1) Name of the person who made measurement: Andy Wang
- 2) Name of the person in charge of measurement: James Wang



*** End of Report ***

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