



# Test Report

Report No. A2210298530101R2

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**Company Name** DONGGUAN JOLLYBABY PRODUCTS CO., LTD  
**shown on Report**  
**Address** NO.5,CHAJING ROAD, CHASHAN TOWN, DONGGUAN CITY, GUANG DONG PROVINCE, CHINA

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

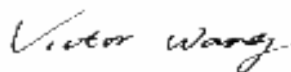
Sample Name	Fox Crib Spiral-Orange、Fox Crib Spiral-Pink、Fox Crib Spiral-Grey、Elephant Crib Spiral Toy - Grey (Musical)、Elephant Crib Spiral Toy - Pink (Musical)
Item No.	SZ2103038BYA、SZ2103039BYA、SZ2103040BYA、SZ2104097BYA、SZ2104111BYA
Manufacturer	JOLLYBABY CULTURE SCIENCE AND TECHNOLOGY (GUANGDONG) CO., LTD
Quantity Of Sample	3PCS
Client Specified Age Grading	Not stated
Labeled Age Grading	0m+
Age Group Applied in Testing	All ages
Sample Received Date	Jul. 27, 2021
Further Information Date	Aug. 4, 2021
Testing Period	Jul. 27, 2021 to Aug. 5, 2021

**Test Conducted:**

As requested by the applicant. For details refer to next page(s)



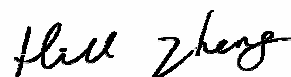
Approved by



Victor Wang

Lab Manager

Aug. 11, 2021



Hill Zheng

Technical Manager

No. T490154663

Date

Centre Testing International Group Co.,Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China



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**Executive Summary:****TEST REQUEST****CONCLUSION**

1) ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	
- Mechanical and Physical test	<b>PASS</b>
- Clause 4.2 Flammability of toys	<b>PASS</b>
- Clause 4.3.5 Heavy elements – Total Lead content	<b>PASS</b>
- Clause 4.3.5 Heavy elements – Migration of certain elements	<b>PASS</b>
- Clause 4.25 Battery-Operated Toys	<b>PASS</b>
2) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)	
- 16 CFR 1501 Small parts	<b>PASS</b>
- 16 CFR 1500.48 Technical requirements for determining a sharp point	<b>PASS</b>
- 16 CFR 1500.49 Technical requirements for determining a sharp metal or glass edge	<b>PASS</b>
- Lead in surface-coatings and similar materials of children's products	<b>N/A</b>
- Lead in substrate materials of children's products	<b>PASS</b>
- Phthalates in children's toys and childcare articles	<b>PASS</b>
3) Consumer Product Safety Commission 16 CFR Ch.II	
- Mechanical & Physical test	<b>PASS</b>
- 16 CFR 1501 Small parts	<b>PASS</b>
- 1500.44 Flammability test on solid	<b>PASS</b>
- Part 1303 – Ban of Lead in paint and similar surface coating	<b>N/A</b>
- 16 CFR 1610 Flammability Test on Textile Materials	<b>N/A</b>

**N/A = Not Applicable**

\*\*\*\*\* For further details, please refer to the following page(s) \*\*\*\*\*

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1) **ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**

▼ **Mechanical and Physical test**

As specified in ASTM F963-17 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality.....	Pass
4.3.7	Stuffing Materials.....	Pass
4.5	Sound-producing Toys.....	Pass
4.6	Small Objects.....	Pass
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.12	Plastic Film.....	Pass
4.14	Cords, Straps, and Elastics.....	Pass
4.22	Teethers and Teething Toys.....	Pass
4.23	Rattles.....	Pass
4.24	Squeeze Toys.....	Pass
4.27	Stuffed and Beanbag-Type Toys.....	Pass
4.34	Balls.....	Pass
5.	Labeling Requirements	
5.2	Age Grading Labeling.....	Pass
5.16	Promotional Materials.....	Pass
6.	Instructional Literature	
6.1	Definition and description .....	Pass
7.	Producer's Markings	
7.1	Producer's Markings.....	Pass
8.	Test Methods	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test .....	Pass
8.8	Torque Tests for Removal of Components.....	Pass
8.9	Tension Test for Removal of Components.....	Pass
8.10	Compression Test.....	Pass

Note:

- Only applicable clause(s) was/were shown.

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## ▼ Clause 4.2 Flammability of toys

As specified in ASTM F963-17 standard consumer safety specification for toy safety.

### Flammability Test on Solid

<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
0.07	0.1

Note:

- Only applicable clause(s) was/were shown.

## ▼ Clause 4.3.5 Heavy elements – Total Lead content

Method(s) ASTM F963-17 Clause 8.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

Toy substrate materials:

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
	006+007	008+009	044+045 +046	047+048 +049		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
	050+051 +052	053+054 +055	056+057 +058	059+060 +061		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
	062+063 +064	065+066 +067	068+069 +070	071+072		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
	073+074 +075	076+077 +078	079+080 +081	082+083 +084		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	085+086+087	088+089+090	091		
Total Lead (Pb)	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	092		
Total Lead (Pb)	N.D.	5	100

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.
- The test result(s) of component(s) 006~009 is(are) presented in reference to the result(s) that reported in A2210298530102.

**▼ Clause 4.3.5 Heavy elements – Migration of certain elements**

Method(s) ASTM F963-17 Clause 8.3 was/were used, and the item(s) was/were determined by ICP-OES.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002	003	004		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	005	006	007	010		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	011	012	013	014		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	015	016	017	018		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	6	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	019	020	021	022		
Soluble Antimony (Sb)	9	8	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	023	024	025	026		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	027	028	029	030		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	19	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	6	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	031	032	033	034		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	11	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	035	036	037	038		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	039	040	041	042		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500



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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	043	044	045	046		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	047	048	049	050		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	051	052	053	054		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	055	056	057	058		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	059	060	061	062		
Soluble Antimony (Sb)	7	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	063	064	065	066		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	067	068	069	070		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	071	072	073	074		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	075	076	077	078		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	079	080	081	082		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	083	084	085		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	5	500

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 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. (tested sample: 007 sample weight: 75.5mg, 011 sample weight: 68.6mg, 013 sample weight: 98.7mg, 024 sample weight: 97.0mg, 025 sample weight: 72.8mg, 028 sample weight: 99.5mg, 045 sample weight: 99.9mg, 061 sample weight: 45.8mg, 063 sample weight: 94.8mg, 065 sample weight: 44.3mg, 066 sample weight: 93.4mg)
- The test result(s) of component(s) 001~007 is(are) presented in reference to the result(s) that reported in A2210298530102.

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▼ **Clause 4.25 Battery-operated toys**

As specified in ASTM F963-17 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.25	Battery-Operated Toys	
4.25.1	Marking on battery compartment.....	N/A
4.25.2	Maximum allowable direct current potential.....	Pass
4.25.3	Protection against charging non-rechargeable battery.....	Pass
4.25.4	Accessibility of batteries in toys intended for children less than 3 years old.....	Pass
4.25.5	Accessibility of batteries that can fit completely within small part cylinder.....	Pass
4.25.6	Isolation of batteries of different types or capacities.....	Pass
4.25.7	Temperature of battery surface.....	Pass
4.25.8	temperature requirements of charging and discharging of the battery.....	Pass
4.25.9	Instruction on safe battery usage.....	N/A
4.25.10	Battery-powered ride-on Toys.....	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries.....	N/A
5.	Safety Labeling Requirements	
5.15	Battery-Operated Toys.....	N/A
6.	Instructional Literature	
6.5	Battery-Operated Toys.....	N/A

N/A = Not Applicable

2) **US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)**

▼ **16 CFR 1501 Small parts** ..... **Pass**

As Specified in Title 16 Part 1501, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A.

▼ **16 CFR 1500.48 Technical requirements for determining a sharp point** ..... **Pass**

As Specified in Title 16 Part 1500.48, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A.

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▼ **16 CFR 1500.49 Technical requirements for determining a sharp metal or glass edge** .....**Pass**

As Specified in Title 16 Part 1500.49, Code of Federal Regulations, Chapter II – Consumer Product Safety Commission of U.S.A.

▼ **Lead in surface-coatings and similar materials of children’s products**.....**N/A**

Method(s) CPSC-CH-E1003-09.1 was/were used, and the item(s) was/were analyzed by ICP-OES.

**N/A = Not Applicable** (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

▼ **Lead in substrate materials of children’s products**

Method(s) CPSC-CH-E1001-08.3/CPSC-CH-E1002-08.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	006+007	008+009	044+045 +046	047+048 +049		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	050+051 +052	053+054 +055	056+057 +058	059+060 +061		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	062+063 +064	065+066 +067	068+069 +070	071+072		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>				<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	073+074 +075	076+077 +078	079+080 +081	082+083 +084		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	100

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	085+086+087	088+089+090	091		
Total Lead (Pb)	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	092		
Total Lead (Pb)	N.D.	5	100

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.
- The test result(s) of component(s) 006~009 is(are) presented in reference to the result(s) that reported in A2210298530102.

**▼ Phthalates in children's toys and childcare articles**

Method(s) CPSC-CH-C1001-09.4 was/were used, and the item(s) was/were analyzed by GC-MS.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	008+009	072	073+074 +075		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	50	1000
Di-n-Pentyl Phthalate (DPP/DPENP)	N.D.	N.D.	N.D.	30	1000
Dicyclohexyl Phthalate (DCHP)	N.D.	N.D.	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	N.D.	N.D.	30	1000
Di-n-hexyl Phthalate (DnHP/DHEXP)	N.D.	N.D.	N.D.	30	1000

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	076+077 +078	079+080 +081	082+083 +084		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	50	1000
Di-n-Pentyl Phthalate (DPP/DPENP)	N.D.	N.D.	N.D.	30	1000
Dicyclohexyl Phthalate (DCHP)	N.D.	N.D.	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	N.D.	N.D.	30	1000
Di-n-hexyl Phthalate (DnHP/DHEXP)	N.D.	N.D.	N.D.	30	1000

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	085+086 +087	088+089 +090	091		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	50	1000
Di-n-Pentyl Phthalate (DPP/DPENP)	N.D.	N.D.	N.D.	30	1000
Dicyclohexyl Phthalate (DCHP)	N.D.	N.D.	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	N.D.	N.D.	30	1000
Di-n-hexyl Phthalate (DnHP/DHEXP)	N.D.	N.D.	N.D.	30	1000

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%
- The limit for composite test should be divided by the mixed number.
- The test result(s) of component(s) 008, 009 is(are) presented in reference to the result(s) that reported in A2210298530102.



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### 3) Consumer Product Safety Commission 16 CFR Ch.II

#### ▼ Mechanical & Physical test

As specified in Title 16, Code of Federal Regulation, Chapter II – Consumer Products Safety Commission of U.S.A.

Tested Item(s)	Sharp point (1500.48)	Sharp edge (1500.49)	Small part (1501)
As Received	Pass	Pass	Pass
Impact Test (Sec. 1500. 51b)	Pass	Pass	Pass
Bite Test (Sec. 1500. 53c)	Pass	Pass	Pass
Torque Test (Sec. 1500. 53e)	Pass	Pass	Pass
Tension Test (Sec. 1500. 53f)	Pass	Pass	Pass
Compression Test (Sec. 1500. 53g)	Pass	Pass	Pass

#### ▼ 16 CFR 1501 Small parts ..... **Pass**

As Specified in Title 16 Part 1501, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A.

#### ▼ 1500.44 Flammability Test on Solid

As specified in Title 16, Code of Federal Regulation, Chapter II – Consumer Products Safety Commission of U.S.A.

<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
0.07	0.1

#### ▼ Part 1303 – Ban of Lead in paint and similar surface coating ..... **N/A**

Method(s) CPSC-CH-E1003-09.1 was/were used, and the item(s) was/were analyzed by ICP-OES.

**N/A = Not Applicable** (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

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**Tested Sample/Part Description**

- 001 Black embroidery
- 002 White embroidery
- 003 Pink tricot(nose,pink elephant type/grey elephant type)
- 004 Green tricot(ladybird,pink elephant type/pink fox type)
- 005 Yellow tricot(avocado,orange fox type)
- 006 Bright white fabric with multi-color printing(brand label)
- 007 Bright white fabric with black printing(labels)
- 008 Transparent plastic film(inside of ears)
- 009 White plastic(bell of inside of hedgehog,grey elephant type)
- 010 Grey embroidery(sheep,pink elephant type/pink fox type&face/mouth,grey fox type)
- 011 Brown embroidery(hedgehog,grey elephant type)
- 012 Pink embroidery(eyes/mouth,pink fox type)
- 013 Blue embroidery(eyes,orange fox type)
- 014 White lace(top,pink elephant type/grey elephant type)
- 015 Pink fabric(top,pink elephant type/grey elephant type)
- 016 Dull pink fabric(head,pink elephant type)
- 017 Grey fabric(head,grey elephant type)
- 018 White plush(teeth/end of spiral/sheep,pink elephant type&teeth,grey elephant type&face,grey fox type/orange fox type&face/sheep,pink fox type)
- 019 White tricot with adhesive(ears of sheep,pink elephant type/pink fox type)
- 020 Beige plush(sheep,pink elephant type/pink fox type)
- 021 Grey tricot(owl,grey elephant type)
- 022 Dull grey tricot(ladybird,grey elephant type)
- 023 Dark grey tricot(ladybird,grey fox type)
- 024 Brown plush(nose of hedgehog,grey elephant type)
- 025 Light orange tricot(ears of hedgehog,grey elephant type)
- 026 Light flesh plush(head/tail of hedgehog,grey elephant type)
- 027 Light brown plush(body of hedgehog,grey elephant type)
- 028 Flesh tricot(feet of hedgehog,grey elephant type)
- 029 Grey plush(ears/face,grey fox type)
- 030 Light grey plush(head,grey fox type)
- 031 Black plush(nose,grey fox type/pink fox type/orange fox type)
- 032 Dark grey tricot with adhesive(elephant/owl,grey fox type)
- 033 Purple cord(tail of elephant,grey fox type)
- 034 Pink plush(ears,pink fox type)
- 035 Orange plush(ears,orange fox type)

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- 036 Light pink plush(head/spiral,pink fox type)
- 037 Light orange plush(head/spiral,orange fox type)
- 038 White plush(end of spiral,pink fox type/orange fox type)
- 039 Green plush(avocado,orange fox type)
- 040 Light green tricot(avocado,orange fox type)
- 041 Brown plush with brown thread(avocado,orange fox type)
- 042 Blue tricot with blue thread(ladybird,orange fox type)
- 043 Light grey plush(end of spiral,grey elephant type/grey fox type)
- 044 Brown cord(ladybird&tail of bee,orange fox type)
- 045 Brown cord(tentacle of bee,orange fox type)
- 046 White fabric with orange printing(ears,pink elephant type)
- 047 White fabric with grey printing(ears,grey elephant type)
- 048 White fabric with light pink printing(spiral,pink elephant type/pink fox type)
- 049 White fabric with light red/black printing(ladybird/spiral,pink elephant type/pink fox type)
- 050 White fabric with light purple printing(spiral,pink elephant type/pink fox type)
- 051 White fabric with orange printing(spiral,pink elephant type/orange fox type)
- 052 White fabric with light blue printing(spiral,grey elephant type/grey fox type)
- 053 White fabric with grey printing(spiral,grey elephant type/grey fox type)
- 054 White fabric with cyan printing(spiral,grey elephant type/grey fox type)
- 055 White fabric with dull grey printing and white thread(spiral,grey elephant type/grey fox type)
- 056 White fabric with purple printing(spiral,orange fox type)
- 057 White fabric with blue purple printing(spiral,orange fox type)
- 058 White fabric with pink printing and pink thread(sling,pink elephant type/pink fox type/orange fox type)
- 059 White fabric with light blue printing and light blue thread(sling,pink elephant type/grey elephant type/grey fox type/pink fox type)
- 060 White fabric with orange printing and beige thread(sling,pink elephant type/pink fox type/orange fox type)
- 061 White fabric with dark blue printing and dark blue thread(sling of ladybird,pink elephant type)
- 062 White fabric with cyan printing and blue thread(sling,grey elephant type/grey fox type/orange fox type)
- 063 White fabric with grey printing and grey thread(sling,grey elephant type/grey fox type)
- 064 White fabric with dark grey printing and dark grey thread(sling,grey elephant type/grey fox type)
- 065 White fabric with purple printing(sling,pink fox type)
- 066 White fabric with cyan printing(sling,orange fox type)
- 067 White fabric with multi-color printing(owl,pink elephant type)
- 068 White fabric with multi-color printing(owl/ladybird,grey elephant type/grey fox type)
- 069 White fabric with fresh cyan/black printing(elephant,grey fox type)
- 070 White tricot with multi-color printing(bird,pink fox type)

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- 071 White fabric with multi-color printing(body of bee/wings of bee/ladybird,orange fox type)
- 072 Light pink tricot with adhesive(wings/tail of owl,pink elephant type)
- 073 Red plastic(pendant,pink elephant type/grey elephant type/orange fox type)
- 074 Yellow plastic(pendant,pink elephant type/grey elephant type/orange fox type)
- 075 Blue plastic(pendant,pink elephant type/grey elephant type/orange fox type)
- 076 Transparent plastic(pendant ball,pink elephant type/grey elephant type/grey fox type/orange fox type)
- 077 Light grey plastic(pendant,grey fox type)
- 078 Dark grey plastic(pendant,grey fox type)
- 079 Beige plastic(pendant,grey fox type)
- 080 Green plastic(pendant,pink fox type)
- 081 Orange yellow plastic(pendant,pink fox type)
- 082 Orange plastic(pendant,pink fox type)
- 083 Blue plastic(pendant,pink fox type)
- 084 Light green plastic(pendant,pink fox type)
- 085 Transparent plastic(mirror)
- 086 Beige plastic with transparent dry glue(inside of bird,pink fox type)
- 087 Beige white plastic(inside of owl,pink elephant type/grey fox type&inside of bee,orange fox type)
- 088 White plastic(music box,inside)
- 089 Transparent plastic(main of sounder,inside of ladybird)
- 090 Translucent white plastic(valve of sounder,inside of ladybird)
- 091 White paper with adhesive(back of mirror,inside)
- 092 Silver metal(music box,inside)

**Note:**

- This testing report revise “Manufacturer” based on the original report of No. A2210298530101R1. This testing report displaces the original one which was invalid since the date of this testing report released.

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## Photo(s) of the sample(s)



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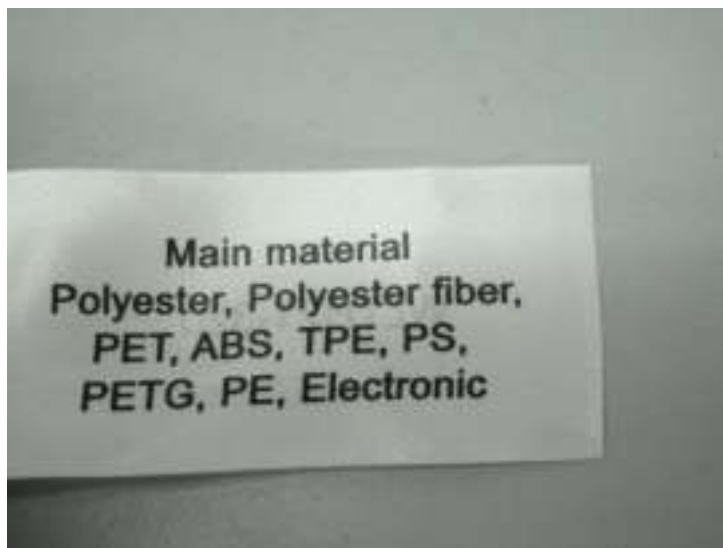
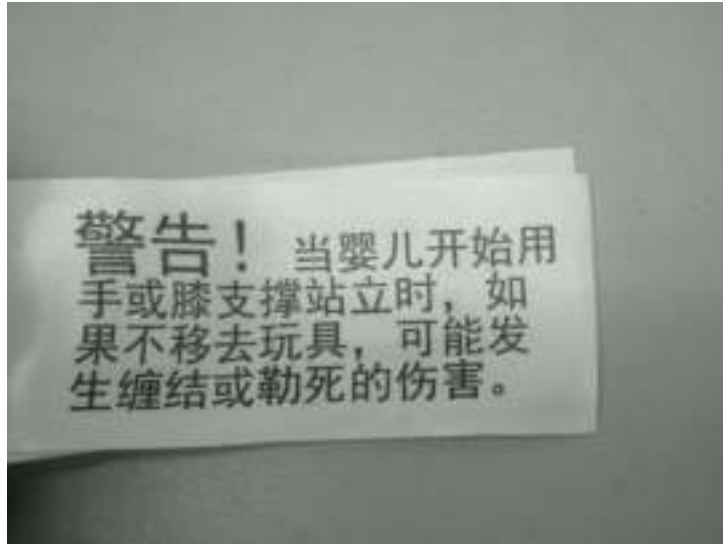




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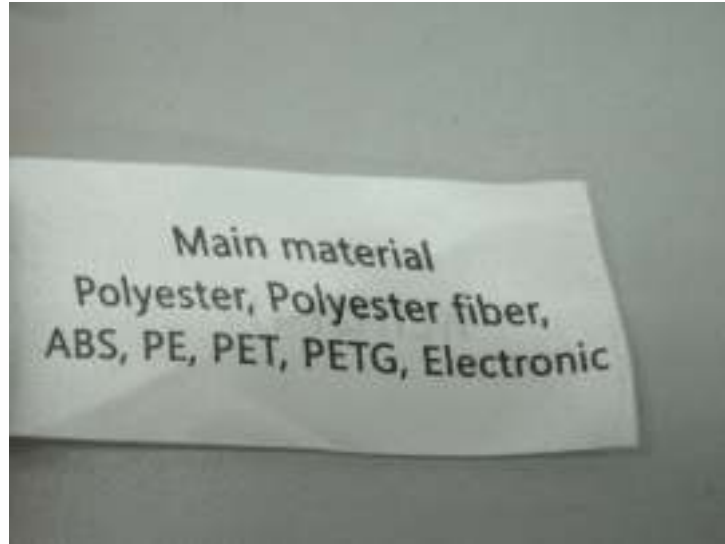
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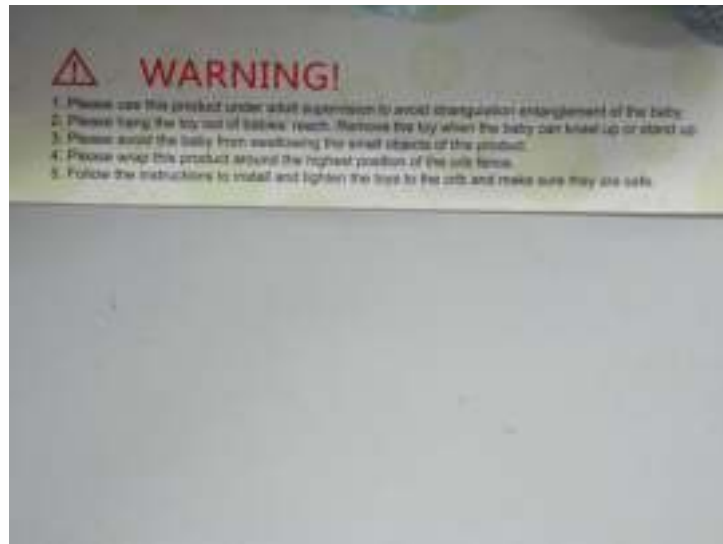




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Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. Company Name and Address shown on Report, the sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full.

\*\*\* End of Report \*\*\*