



Test Report

Date : 2023-11-03
No. : HP23100676

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- Applicant** : Zhejiang Keyoudi Children Products Co Ltd
No 3 Dongyuan Road Baihe Town Tiantai County
Taizhou Zhejiang 317200 CN

Attn: Yuping Chen
- Factory** : PIN INTERNATIONAL (NINGBO) LTD
FLOOR 3 BUILDING 5(#14) NO 8 MIAOFENSHAN ROAD
XIAPU PIONEER PARK BEILUN DISTRICT NINGBO CHINA
- Description of Samples** : Three pieces of submitted sample said to be:
GO GROW BOX 16-18M (see attached photo)
STYLE/ITEM NO.: GGB-1-2
COUNTRY OF ORIGIN: CHINA
COUNTRY OF DESTINATION: JAPAN
AGE GRADING: 16-18 MONTHS
- Date Samples Received** : 2023-10-27
- Date Tested** : 2023-10-27 to 2023-11-02
- Investigation Requested** : Toxic materials analysis according to Section IV Toys, Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Law of Japan, Ministry of Health and Welfare Notice No. 370 on 28 December 1959, Notice No. 201 on 31 March 2006, Notice No. 153 on 31 March 2008, Notice No. 416 on 11 August 2008 and Notice No. 336 on 6 September 2010.

Ricky

WONG Kai-ming, Ricky
Authorized Signatory



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Conclusions : The submitted sample(s) **complied** with the test requirements of:

Section IV Toys, Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Law of Japan, Ministry of Health and Welfare Notice No. 370 on 28 December 1959, Notice No. 201 on 31 March 2006, Notice No. 153 on 31 March 2008, Notice No. 416 on 11 August 2008 and Notice No. 336 on 6 September 2010 for toxic materials analysis

- Coloring agent (Clause B)
- Paint coating (Clause A4)
- Phthalates content in plasticized material (Clause A7&A9)

A handwritten signature in black ink that reads 'Ricky'.

WONG Kai-ming, Ricky
Authorized Signatory

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Tested Components:

<u>Sample</u>	<u>Textile material</u>
1	Cord on trolley (GGB-1-2): white fabric
<u>Sample</u>	<u>Paper and wood</u>
2	Side body of harmonica/nuts and bolts/blocks (GGB-1-2): pale brown wood with transparent/light blue/red/bluish green/orange/pink/purple/yellow/green/pale blue/light green/light purple/dull yellow coating
3	Trolley/main body of coin lock bank/coins (GGB-1-2): light brown wood with transparent/dull white/purple/blue/dull yellow/light green coating
<u>Sample</u>	<u>Materials other than textile, paper and wood</u>
4	Rainbow stacker (GGB-1-2): red silicone
5	Rainbow stacker (GGB-1-2): orange silicone
6	Rainbow stacker (GGB-1-2): light yellow silicone
7	Rainbow stacker (GGB-1-2): green silicone
8	Rainbow stacker (GGB-1-2): light blue silicone
9	Rainbow stacker (GGB-1-2): pale blue silicone
10	Rainbow stacker (GGB-1-2):purple silicone
11	Screws on harmonica (GGB-1-2): silver color stainless steel
12	Screws/rod on pulling trolley/lock on coin lock bank (GGB-1-2): silver color iron
13	Middle body of harmonica (GGB-1-2): white ABS
14	Screws on nuts and bolts (GGB-1-2): grey nylon
<u>Sample</u>	<u>Coating material</u>
15	Side body of harmonica/nuts and bolts (GGB-1-2): transparent coating
16	Nuts and bolts/blocks (GGB-1-2): light blue/red/bluish green/orange/pink/purple/yellow/green coating
17	Blocks (GGB-1-2): pale blue/light blue/light green/light purple/dull yellow coating
18	Trolley/main body of coin lock bank/coins (GGB-1-2): transparent/dull white/purple/blue/dull yellow/light green coating

Note: The material type of the tested components and coating were declared by applicant

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Test Results

- (1) Coloring agent in manufacturing standards for toys
Ref.: Clause B, Section IV Toys, Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Law of Japan, Ministry of Health and Welfare Notice No. 370 on 28 December 1959, Notice No. 201 on 31 March 2006, Notice No. 153 on 31 March 2008, Notice No. 416 on 11 August 2008 and Notice No. 336 on 6 September 2010

Textile

<u>Sample</u>	<u>Result</u>
1	Pass

Requirement on textile:

For items intended for children under 3 years old, migration of colour shall not be two times darker than the comparison standard.

For items intended for children over 3 years old of age and under 6 years of age, migration of colour shall not be three times darker than the comparison standard.

Paper and wood

<u>Sample</u>	<u>Result</u>
2	Pass
3	Pass

Requirement on paper and wood:

For items intended for children under 6 years of age, migration of colour shall not be one time darker than the comparison standard.

Materials other than textile, paper and wood

<u>Sample</u>	<u>Result</u>
4	Pass
5	Pass
6	Pass
7	Pass
8	Pass
9	Pass
10	Pass
11	Pass
12	Pass
13	Pass
14	Pass

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Requirement on materials other than textile, paper and wood:

For items intended for children under 6 years of age, coloring matters should be selected from Schedule 1 of the Food Sanitation Law Enforcement Regulation or migration of color is not observed after testing.

(2) Paint coating

Ref.: Clause A4, Section IV Toys, Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Law of Japan, Ministry of Health and Welfare Notice No. 370 on 28 December 1959, Notice No. 201 on 31 March 2006, Notice No. 153 on 31 March 2008, Notice No. 416 on 11 August 2008 and Notice No. 336 on 6 September 2010

Sample		Soluble metal, µg/g		
No.	Weight, mg	Lead	Cadmium	Arsenic
15	≥100	<2	<2	<2
16	≥100	<2	<2	<2
17	≥100	<2	<2	<2
18	≥100	<2	<2	<2
Limit		90	75	25

Note

µg/g = microgram per gram

mg = milligram

≥100 = larger or equal to 100mg in one sample for soluble element test

For specification with upper limit, compliance is deemed to occur if the measured result is under the limit, after adjusted by subtracting the analytical correction factor in accordance with JETRO Specifications, Standards and Testing Methods for Food stuffs, implements, Containers and Packaging, Toys, Detergents, January 2009 Section III clause A.4.

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- (3) Phthalates content in plasticized material (in composite condition)
Ref.: Clause A7&A9, Section IV Toys, Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Law of Japan, Ministry of Health and Welfare Notice No. 370 on 28 December 1959, Notice No. 201 on 31 March 2006, Notice No. 153 on 31 March 2008, Notice No. 416 on 11 August 2008 and Notice No. 336 on 6 September 2010

Method for PVC material: Japan Food Sanitation Law, Notice 0906 No. 4 by Gas Chromatography with Mass Selective Detector
Method for polyurethane and rubber material: CPSC-CH-C1001-09.3 by Gas Chromatography with Mass Selective Detector

Sample	Result, % (w/w)					
	DBP	BBP	DEHP	DINP	DNOP	DIDP
4,5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
6,7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8,9,10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Limit	0.1	0.1	0.1	0.1	0.1	0.1

Note

The requirements of DINP, DNOP and DIDP are only applicable on materials which are intended to come into contact with mouths of children.

DBP = Di-n-butyl phthalate
BBP = Benzyl-n-butyl phthalate
DEHP = Di (2-ethylhexyl) phthalate
DINP = Diisononyl phthalate
DNOP = Di-n-octyl phthalate
DIDP = Diisodecyl phthalate
%(w/w) = percentage weight per weight

For specification with upper limit, compliance is deemed to occur if the measured result is under the limit, even extended upwards by the expanded uncertainty with 95% coverage probability.

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Appendix for Photos of the Submitted Sample



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