



## Test Report

**Date** : 2023-11-03  
**No.** : HP23100674

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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 10-12M** (see attached photo)  
STYLE/ITEM NO.: GGB-0-3  
COUNTRY OF ORIGIN: CHINA  
COUNTRY OF DESTINATION: JAPAN  
AGE GRADING: 10-12 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.

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'.

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WONG Kai-ming, Ricky  
Authorized Signatory

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### Tested Components:

| <u>Sample</u> | <u>Textile material</u>   |
|---------------|---|
| 1             | Cord on castanets (GGB-0-3): light blue fabric  |
| 2             | Wallet (GGB-0-3): beige fabric with white thread and grey coating   |
| <u>Sample</u> | <u>Paper and wood</u>   |
| 3             | Inside wallet (GGB-0-3): white/brown paper  |
| 4             | Castanets/grip of shaped blocks/grip of drawer/shaped blocks of rolling drum (GGB-0-3): pale brown wood with transparent/red/yellow/green/orange/purple/blue coating                  |
| 5             | Base of shape knobbed puzzle/shaped blocks/drawer and box/rolling drum and sorter (GGB-0-3): light brown wood with transparent/red/dull yellow/blue/white/orange/green/purple coating |
| 6             | Carrot (GGB-0-3): dull brown wood with orange/green coating   |
| <u>Sample</u> | <u>Materials other than textile, paper and wood</u>   |
| 7             | Cord inside (GGB-0-3): dull white rubber  |
| 8             | Pad inside box (GGB-0-3): transparent silicone  |
| 9             | Shaft of shaped blocks/keys and keychain (GGB-0-3): silver color stainless steel  |
| 10            | Cards (GGB-0-3): white ABS with yellow/pink/blue/red/orange/grey/black multicolor coating   |
| <u>Sample</u> | <u>Coating material</u>   |
| 11            | Castanets/grip of shaped blocks/grip of drawer/shaped blocks of rolling drum (GGB-0-3): transparent/red/yellow/green/orange/purple/blue coating                                       |
| 12            | Base of shape knobbed puzzle/shaped blocks/drawer and box/rolling drum and sorter (GGB-0-3): transparent/red/dull yellow/blue/white/orange/green/purple coating                       |
| 13            | Wallet (GGB-0-3): grey coating  |
| 14            | Cards (GGB-0-3): yellow/pink/blue/red/orange/grey/black multicolor coating  |
| 15            | Carrot (GGB-0-3): orange/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          |
| 2             | 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> |
|---------------|---------------|
| 3             | Pass          |
| 4             | Pass          |
| 5             | Pass          |
| 6             | 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> |
|---------------|---------------|
| 7             | Pass          |
| 8             | Pass          |
| 9             | Pass          |
| 10            | Pass          |

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.

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(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   |
| 11           | ≥100       | <2                  | <2        | <2        |
| 12           | ≥100       | <2                  | <2        | <2        |
| 13           | <10        | -                   | -         | -         |
| 14           | 68         | <2                  | <2        | <2        |
| 15           | ≥100       | <2                  | <2        | <2        |
| <b>Limit</b> |            | <b>90</b>           | <b>75</b> | <b>25</b> |

Note

When there was insufficient uniform coating to produce the test portion of 100 mg from sample, the quantities of the elements were calculated as if 100 mg of test portion had been used. The actual weights of the specified coatings used for analysis was shown in unit of mg.

<10mg = The coating was less than 10mg to form a test portion; hence, test was not necessary in accordance with the Standard.

µg/g = microgram per gram

mg = milligram

- = Not applicable

≥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

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       |
| 7            | <0.01           | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| 8            | <0.01           | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| <b>Limit</b> | <b>0.1</b>      | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> |

### 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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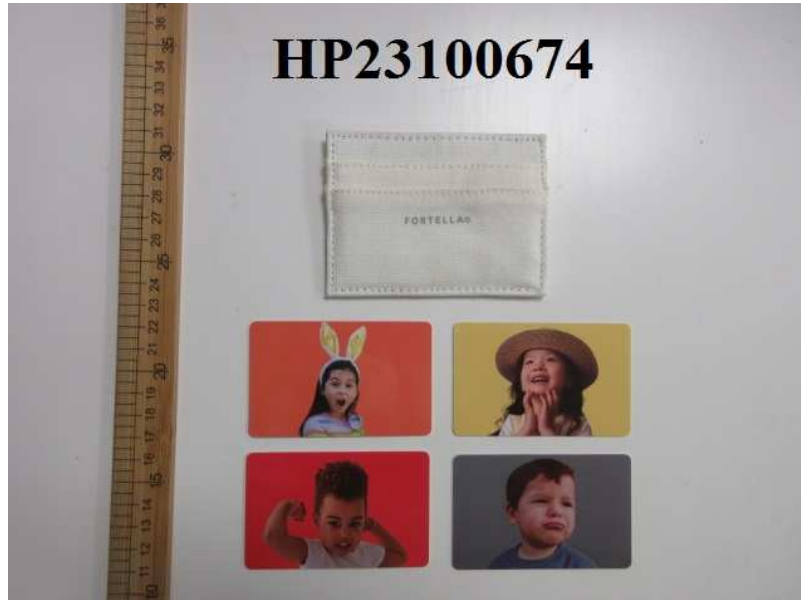
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\*\*\*\*\* End of Test Report \*\*\*\*\*

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