

# TEST REPORT

**APPLICANT** : Yizheng JianLin Arts Company

**ADDRESS** : Xianggou Village, Dayi Town, Yizheng City, Jiangsu Province, China

**SAMPLE DESCRIPTION** : KID ROCKING HORSE

**ITEM NO.** : 330-118BN, 330-118BU, 330-118PK, 330-118WT

**AGE REQUESTED ON APPLICATION FORM** : 3+

**LABELED AGE GRADE** : For ages 36 months & above

**AGE GRADE APPLIED IN TESTING** : Over 3 Years

**LAB RECOMMENDED AGE GRADE** : Over 3 Years

**SAMPLE RECEIVED DATE** : 03-Apr-2024

**TURN AROUND TIME** : 03-Apr-2024 to 23-Apr-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

| TEST REQUESTED                                | TEST METHOD/REGULATION | RESULT |
|-----------------------------------------------|------------------------|--------|
| Physical and Mechanical Hazards               | ASTM F963-23           | Pass   |
| Flammability of Toys                          | ASTM F963-23           | Pass   |
| Phthalates Content                            | ASTM F963-23           | Pass   |
| Heavy Metals                                  | ASTM F963-23           | Pass   |
| Total Lead Content in Substrate               | US CPSIA, Section 101  | Pass   |
| Phthalates Content                            | US CPSIA, Section 108  | Pass   |
| Total Lead Content in Paint / Surface Coating | US CPSIA, Section 101  | Pass   |
| Phthalates Content                            | CPSC 16 CFR part 1307  | Pass   |

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [info.sh@cpt.eurofinscn.com](mailto:info.sh@cpt.eurofinscn.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to [info.sh@cpt.eurofinscn.com](mailto:info.sh@cpt.eurofinscn.com) and referring to this report number.



\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

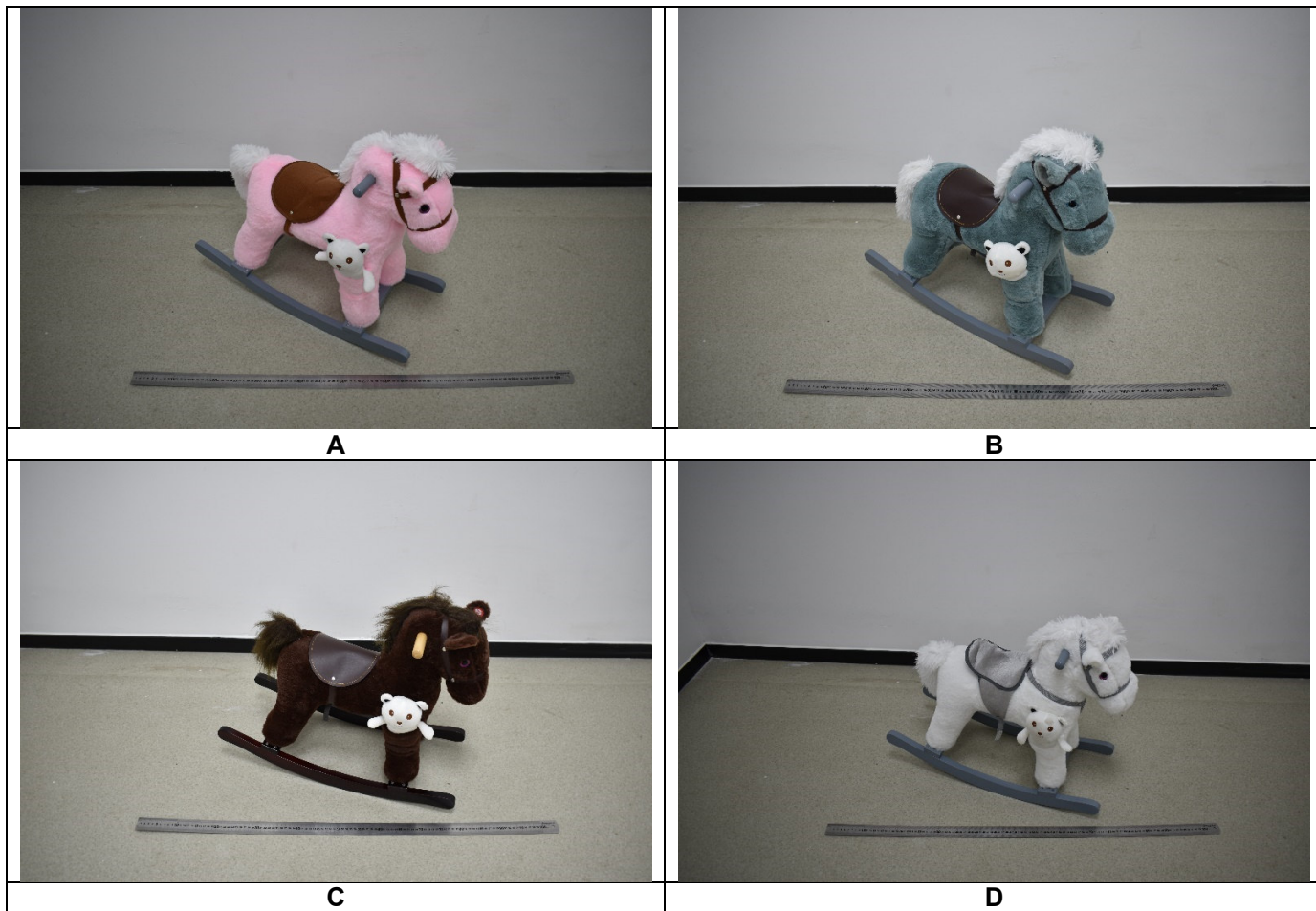
Signed for and on behalf of  
Eurofins MTS Consumer Product Testing (Shanghai) Co., Ltd.



\_\_\_\_\_  
Gao Jian, David  
Senior Manager, Toy Division



**SAMPLE PHOTO(S)**



**EFW524040901-CG-01**

\*\*\*TO BE CONTINUED\*\*\*

## COMPONENT LIST

| Component No. | Component                                          | Sample No. |
|---------------|----------------------------------------------------|------------|
| 1             | White fabric with red coating and glue             | A,B,C,D    |
| 2             | Grey coating on wood                               | A,B,D      |
| 3             | Black brown coating on wood                        | C          |
| 4             | White soft plastic wire jacket                     | A,B,C,D    |
| 5             | Yellow soft plastic wire jacket                    | A,B,C,D    |
| 6             | White plastic Velcro hook                          | A,B,C,D    |
| 7             | Transparent plastic (eyes)                         | A,B,C,D    |
| 8             | White plastic (battery box/switch)                 | A,B,C,D    |
| 9             | White plastic (adjustment buckle)                  | A,B,C      |
| 10            | Brown artificial leather with grey fabric backing  | B,C        |
| 11            | Beige white sponge                                 | D          |
| 12            | White foam (inside)                                | A,B,C,D    |
| 13            | Transparent adhesive plastic tape (inside)         | A,B,C,D    |
| 14            | White fabric (lining)                              | A,B,C,D    |
| 15            | White fabric Velcro loop                           | A,B,C,D    |
| 16            | Brown felt fabric (cushion back)                   | A          |
| 17            | Dark brown felt fabric (cushion)                   | A          |
| 18            | Dark brown fabric (piping)                         | A          |
| 19            | White long plush fabric                            | A,B,D      |
| 20            | Grey short plush fabric (ears)                     | A          |
| 21            | Grey blue plush fabric (body)                      | B          |
| 22            | Black brown long plush fabric                      | C          |
| 23            | Dark brown short plush fabric (ears)               | C          |
| 24            | Dark brown plush fabric (body)                     | C          |
| 25            | White mesh fabric                                  | D          |
| 26            | Brown plush fabric                                 | D          |
| 27            | Gray fabric ribbon                                 | D          |
| 28            | Gray fabric seat cushion                           | D          |
| 29            | Large body made of white medium long velvet fabric | D          |
| 30            | Dark gray fabric edging                            | D          |
| 31            | Black embroidered threads                          | A,B,C,D    |
| 32            | White embroidered threads                          | A,B,C,D    |
| 33            | Brown embroidered threads                          | A,B,C,D    |
| 34            | White short plush fabric                           | A,B,C,D    |
| 35            | Natural color wood excluding coating               | A,B,C,D    |
| 36            | Silver metal (screw)                               | A,B,C,D    |
| 37            | Silver metal (nut)                                 | A,B,C,D    |
| 38            | Silver metal (gasket)                              | A,B,C,D    |
| 39            | Silver metal (rivet)                               | A,B,C,D    |
| 40            | Silver metal (frame/inside)                        | A,B,C,D    |

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Physical and Mechanical Hazards

Test Request: As specified in Consumer Safety Specification ASTM F963-23

| Section | Description                                                                                                                                         | Result |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 4.1     | Material Quality                                                                                                                                    | P      |
| 4.3.7   | Stuffing Materials                                                                                                                                  | P      |
| 4.5     | Sound-Producing Toys                                                                                                                                | P      |
| 4.6     | Small Objects                                                                                                                                       | N/A    |
| 4.6.1   | Toys that are intended for children under 36 months of age                                                                                          | N/A    |
| 4.6.2   | Mouth-Actuated Toys                                                                                                                                 | N/A    |
| 4.6.3   | Toys that are intended for children over 36 months but less than 72 months                                                                          | N/A    |
| 4.7     | Accessible Edges                                                                                                                                    | P      |
| 4.8     | Projections                                                                                                                                         | P      |
| 4.8.1   | Bath Toy Projections                                                                                                                                | N/A    |
| 4.9     | Accessible Points                                                                                                                                   | P      |
| 4.10    | Wires or Rods                                                                                                                                       | N/A    |
| 4.11    | Nails and Fasteners                                                                                                                                 | P      |
| 4.12    | Plastic Film                                                                                                                                        | P      |
| 4.13    | Folding Mechanisms and Hinges                                                                                                                       | N/A    |
| 4.14    | Cords, Straps and Elastics                                                                                                                          | N/A    |
| 4.15    | Stability and Over-Load Requirements                                                                                                                | P      |
| 4.16    | Confined Spaces                                                                                                                                     | N/A    |
| 4.17    | Wheels, Tires, and Axles                                                                                                                            | N/A    |
| 4.18    | Holes, Clearances, and Accessibility of Mechanisms                                                                                                  | N/A    |
| 4.19    | Simulated Protective Devices                                                                                                                        | N/A    |
| 4.20    | Pacifiers                                                                                                                                           | N/A    |
| 4.21    | Projectile Toys                                                                                                                                     | N/A    |
| 4.22    | Teethers and Teething Toys                                                                                                                          | N/A    |
| 4.23    | Rattles                                                                                                                                             | N/A    |
| 4.24    | Squeeze Toys                                                                                                                                        | N/A    |
| 4.25    | Battery-Operated Toys (exclude section 4.25.9 Battery-powered ride-on toys and section 4.25.10 Toys contain secondary cells or secondary batteries) | P      |
| 4.26    | Toys Intended to be Attached to a Crib or Playpen                                                                                                   | N/A    |
| 4.27    | Stuffed and Beanbag-Type Toys                                                                                                                       | P      |
| 4.28    | Stroller and Carriage Toys                                                                                                                          | N/A    |
| 4.30    | Toy Gun Marking                                                                                                                                     | N/A    |
| 4.31    | Balloons                                                                                                                                            | N/A    |
| 4.32    | Certain Toys with Nearly Spherical Ends                                                                                                             | N/A    |
| 4.33    | Marbles                                                                                                                                             | N/A    |
| 4.34    | Balls                                                                                                                                               | N/A    |
| 4.35    | Pompoms                                                                                                                                             | N/A    |
| 4.36    | Hemispheric-Shaped Objects                                                                                                                          | N/A    |
| 4.37    | Yo Yo Elastic Tether Toys                                                                                                                           | N/A    |
| 4.38    | Magnets                                                                                                                                             | N/A    |
| 4.39    | Jaw Entrapment in Handles and Steering Wheels                                                                                                       | N/A    |
| 4.40    | Expanding Materials                                                                                                                                 | N/A    |
| 4.41    | Toy Chests                                                                                                                                          | N/A    |
| 5       | Labeling Requirements                                                                                                                               |        |

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

| Section | Description                                                                                                                    | Result |
|---------|--------------------------------------------------------------------------------------------------------------------------------|--------|
| 5.1     | Federal Government Requirements                                                                                                | P      |
| 5.2     | Age Grading Labeling                                                                                                           | P      |
| 5.3     | Safety Labeling Requirements                                                                                                   | N/A    |
| 5.4     | Aquatic Toys                                                                                                                   | N/A    |
| 5.5     | Crib and Playpen Toys                                                                                                          | N/A    |
| 5.6     | Mobiles                                                                                                                        | N/A    |
| 5.7     | Stroller and Carriage Toys                                                                                                     | N/A    |
| 5.8     | Toys Intended to be Assembled by an Adult                                                                                      | N/A    |
| 5.9     | Simulated Protective Devices                                                                                                   | N/A    |
| 5.10    | Toys with Functional Sharp Edges or Points                                                                                     | N/A    |
| 5.11    | Small Objects, Small Balls, Marbles and Balloons                                                                               | N/A    |
| 5.12    | Art Materials                                                                                                                  | N/A    |
| 5.13    | Electric Toys                                                                                                                  | N/A    |
| 5.14    | Battery-Operated Toys                                                                                                          | N/A    |
| 5.14.1  | Battery-Powered Ride-On Toys                                                                                                   | N/A    |
| 5.14.2  | Button or Coin Cell Batteries                                                                                                  | N/A    |
| 5.15    | Promotional Materials                                                                                                          | P      |
| 5.16    | Magnets                                                                                                                        | N/A    |
| 6       | Instructional Literature                                                                                                       |        |
| 6.1     | Definition and Description                                                                                                     | P      |
| 6.2     | Crib and Playpen Toys                                                                                                          | N/A    |
| 6.3     | Mobiles                                                                                                                        | N/A    |
| 6.4     | Toys Intended to be Assembled by an Adult                                                                                      | N/A    |
| 6.5     | Battery-Operated Toys                                                                                                          | P      |
| 6.6     | Battery Powered Ride-On Toys                                                                                                   | N/A    |
| 6.7     | Toys in Contact with Food                                                                                                      | N/A    |
| 6.8     | Toy Chests                                                                                                                     | N/A    |
| 6.9     | The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery (ies) | N/A    |
| 7       | Producer's Markings                                                                                                            |        |
| 7.1     | Producer's or Distributor's Name and Address                                                                                   | P      |
| 7.2     | Battery-Powered Ride-on Toys                                                                                                   | N/A    |
| 7.3     | Toy Chests                                                                                                                     | N/A    |

**Remark:**

P-Pass, F- Fail, N/A-Not Applicable, N/C-Not conduct as per client's request

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Flammability of Toys

Test Request: As specified in ASTM F963-23, Section 4.2, testing procedure for materials other than textiles (excluding paper) used in toys is contained in Annex A5.

| Sample | Limit           | Result |
|--------|-----------------|--------|
| A      | 0.1 inch/second | P      |
| B      | 0.1 inch/second | P      |
| C      | 0.1 inch/second | P      |
| D      | 0.1 inch/second | P      |

**Remark:**

P-Pass, F- Fail, N/A-Not Applicable

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalates Content

Test Request: Phthalates Content in Toys (including pacifiers, rattles, and teethingers) Material (ASTM F963-23, Section 4.3.8)  
Test Method: CPSC-CH-C1001-09.4

| Test Item(s)                  | CAS No.    | Unit | Limit | MDL   | Result |     |       |       |
|-------------------------------|------------|------|-------|-------|--------|-----|-------|-------|
|                               |            |      |       |       | 1      | 2+3 | 4+5   | 6+7+8 |
| Diisononylphthalate (DINP)    | 28553-12-0 | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Di-n-pentyl phthalate (DPENP) | 131-18-0   | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Di-n-hexyl phthalate (DHEXP)  | 84-75-3    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Dicyclohexyl phthalate (DCHP) | 84-61-7    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Diisobutyl phthalate (DIBP)   | 84-69-5    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Diethylhexylphthalate (DEHP)  | 117-81-7   | %    | 0.1   | 0.005 | ND     | ND  | 0.009 | 0.012 |
| Dibutylphthalate (DBP)        | 84-74-2    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Benzylbutylphthalate (BBP)    | 85-68-7    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |

| Test Item(s)                  | CAS No.    | Unit | Limit | MDL   | Result |    |       |    |
|-------------------------------|------------|------|-------|-------|--------|----|-------|----|
|                               |            |      |       |       | 9      | 10 | 11+12 | 13 |
| Diisononylphthalate (DINP)    | 28553-12-0 | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Di-n-pentyl phthalate (DPENP) | 131-18-0   | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Di-n-hexyl phthalate (DHEXP)  | 84-75-3    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Dicyclohexyl phthalate (DCHP) | 84-61-7    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Diisobutyl phthalate (DIBP)   | 84-69-5    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Diethylhexylphthalate (DEHP)  | 117-81-7   | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Dibutylphthalate (DBP)        | 84-74-2    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Benzylbutylphthalate (BBP)    | 85-68-7    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |

### **Remarks:**

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*



## TEST RESULT

### Heavy Metals

1) ASTM F963-23- Heavy Elements – Total Lead in Paint and Similar Surface-Coating Material (Clause 4.3.5.1(1))  
Test Method: ASTM International Standard ASTM F963-23, Section 8.3.1 and Annex A7.

| Tested Item(s)      | Unit  | Limit | MDL | Result |    |    |
|---------------------|-------|-------|-----|--------|----|----|
|                     |       |       |     | 1      | 2  | 3  |
| Total Lead in Paint | mg/kg | 90    | 10  | ND     | ND | ND |

2) ASTM F963-23- Heavy Elements – Total Lead in Substrate Material (Clause 4.3.5.2(2) (a))  
Test Method: ASTM International Standard ASTM F963-23, Section 8.3.1 and Annex A7.

| Tested Item(s)          | Unit  | Limit | MDL | Result |    |
|-------------------------|-------|-------|-----|--------|----|
|                         |       |       |     | 4      | 5  |
| Total Lead in Substrate | mg/kg | 100   | 10  | ND     | ND |

| Tested Item(s)          | Unit  | Limit | MDL | Result |    |    |    |    |
|-------------------------|-------|-------|-----|--------|----|----|----|----|
|                         |       |       |     | 6      | 7  | 8  | 9  | 10 |
| Total Lead in Substrate | mg/kg | 100   | 10  | ND     | ND | ND | ND | ND |

| Tested Item(s)          | Unit  | Limit | MDL | Result |    |    |
|-------------------------|-------|-------|-----|--------|----|----|
|                         |       |       |     | 11     | 12 | 13 |
| Total Lead in Substrate | mg/kg | 100   | 10  | ND     | ND | ND |

| Tested Item(s)          | Unit  | Limit | MDL | Result |  |
|-------------------------|-------|-------|-----|--------|--|
|                         |       |       |     | 35     |  |
| Total Lead in Substrate | mg/kg | 100   | 10  | ND     |  |

| Tested Item(s)          | Unit  | Limit | MDL | Result |    |    |    |    |
|-------------------------|-------|-------|-----|--------|----|----|----|----|
|                         |       |       |     | 36     | 37 | 38 | 39 | 40 |
| Total Lead in Substrate | mg/kg | 100   | 10  | ND     | ND | ND | ND | ND |

3) ASTM F963-23- Heavy Elements – Total Elements Content, Initial Screening for Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay(Clause 4.3.5.1(2) and 4.3.5.2(2)(b))  
Test Method: ASTM International Standard ASTM F963-23, Section 8.3.1 and Annex A7.

| Tested Item(s) | Unit  | Limit | MDL | Result |     |      |                        |      |
|----------------|-------|-------|-----|--------|-----|------|------------------------|------|
|                |       |       |     | 1      | 2   | 3    | 4                      | 5    |
| Total Antimony | mg/kg | 60    | 5   | ND     | ND  | 30   | 62*                    | 265* |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND  | ND   | ND                     | ND   |
| Total Barium   | mg/kg | 1000  | 10  | 391    | ND  | ND   | 1.03x10 <sup>3</sup> * | 507  |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND  | ND   | ND                     | ND   |
| Total Chromium | mg/kg | 60    | 5   | ND     | 72* | 137* | ND                     | ND   |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND  | ND   | ND                     | ND   |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND  | ND   | ND                     | ND   |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND  | ND   | ND                     | ND   |

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

| Tested Item(s) | Unit  | Limit | MDL | Result |    |      |    |     |
|----------------|-------|-------|-----|--------|----|------|----|-----|
|                |       |       |     | 6      | 7  | 8    | 9  | 10  |
| Total Antimony | mg/kg | 60    | 5   | 80*    | 42 | 128* | 30 | ND  |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND   | ND | ND  |
| Total Barium   | mg/kg | 1000  | 10  | 276    | 66 | 54   | ND | 214 |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND   | ND | ND  |
| Total Chromium | mg/kg | 60    | 5   | ND     | ND | ND   | 11 | ND  |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND | ND   | ND | ND  |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND | ND   | ND | ND  |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND | ND   | ND | ND  |

| Tested Item(s) | Unit  | Limit | MDL | Result |    |    |      |    |
|----------------|-------|-------|-----|--------|----|----|------|----|
|                |       |       |     | 11     | 12 | 13 | 14   | 15 |
| Total Antimony | mg/kg | 60    | 5   | ND     | ND | ND | 144* | 26 |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND | ND   | ND |
| Total Barium   | mg/kg | 1000  | 10  | 153    | ND | ND | 258  | ND |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND | ND   | ND |
| Total Chromium | mg/kg | 60    | 5   | ND     | ND | ND | ND   | ND |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND | ND | ND   | ND |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND | ND | ND   | ND |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND | ND | ND   | ND |

| Tested Item(s) | Unit  | Limit | MDL | Result |    |      |     |    |
|----------------|-------|-------|-----|--------|----|------|-----|----|
|                |       |       |     | 16     | 17 | 18   | 19  | 20 |
| Total Antimony | mg/kg | 60    | 5   | ND     | ND | 108* | 71* | ND |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND   | ND  | ND |
| Total Barium   | mg/kg | 1000  | 10  | 220    | ND | ND   | 390 | ND |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND   | ND  | ND |
| Total Chromium | mg/kg | 60    | 5   | ND     | ND | ND   | ND  | ND |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND | ND   | ND  | ND |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND | ND   | ND  | ND |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND | ND   | ND  | ND |

| Tested Item(s) | Unit  | Limit | MDL | Result |    |     |     |
|----------------|-------|-------|-----|--------|----|-----|-----|
|                |       |       |     | 21     | 22 | 24  | 25  |
| Total Antimony | mg/kg | 60    | 5   | ND     | ND | 90* | 64* |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND  | ND  |
| Total Barium   | mg/kg | 1000  | 10  | 288    | ND | 238 | 270 |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND  | ND  |
| Total Chromium | mg/kg | 60    | 5   | ND     | ND | ND  | ND  |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND | ND  | ND  |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND | ND  | ND  |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND | ND  | ND  |

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

| Tested Item(s) | Unit  | Limit | MDL | Result |    |     |     |    |
|----------------|-------|-------|-----|--------|----|-----|-----|----|
|                |       |       |     | 26     | 27 | 28  | 29  | 30 |
| Total Antimony | mg/kg | 60    | 5   | ND     | ND | 36  | 64* | ND |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND  | ND  | ND |
| Total Barium   | mg/kg | 1000  | 10  | 251    | 35 | 333 | 287 | ND |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND  | ND  | ND |
| Total Chromium | mg/kg | 60    | 5   | ND     | ND | ND  | ND  | ND |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND | ND  | ND  | ND |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND | ND  | ND  | ND |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND | ND  | ND  | ND |

| Tested Item(s) | Unit  | Limit | MDL | Result |      |      |     |     |
|----------------|-------|-------|-----|--------|------|------|-----|-----|
|                |       |       |     | 31     | 32   | 33   | 34  | 35  |
| Total Antimony | mg/kg | 60    | 5   | 130*   | 146* | 142* | ND  | ND  |
| Total Arsenic  | mg/kg | 25    | 5   | ND     | ND   | ND   | ND  | ND  |
| Total Barium   | mg/kg | 1000  | 10  | 101    | 345  | 344  | 133 | 126 |
| Total Cadmium  | mg/kg | 75    | 5   | ND     | ND   | ND   | ND  | ND  |
| Total Chromium | mg/kg | 60    | 5   | ND     | ND   | ND   | ND  | ND  |
| Total Lead     | mg/kg | 90    | 10  | ND     | ND   | ND   | ND  | ND  |
| Total Mercury  | mg/kg | 60    | 5   | ND     | ND   | ND   | ND  | ND  |
| Total Selenium | mg/kg | 500   | 10  | ND     | ND   | ND   | ND  | ND  |

4) ASTM F963-23- Heavy Elements – Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay (Clause 4.3.5.1(2) and 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-23, Section 8.3.2 to 8.3.5 (excluding 8.3.5.5(3))

| Tested Item(s)   | Unit  | Limit | MDL | Result |    |    |    |    |
|------------------|-------|-------|-----|--------|----|----|----|----|
|                  |       |       |     | 2      | 3  | 4  | 5  | 6  |
| Soluble Antimony | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND | ND | ND |
| Soluble Barium   | mg/kg | 1000  | 10  | ND     | ND | ND | ND | ND |
| Soluble Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND | ND | ND |
| Soluble Chromium | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Lead     | mg/kg | 90    | 10  | ND     | ND | ND | ND | ND |
| Soluble Mercury  | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Selenium | mg/kg | 500   | 10  | ND     | ND | ND | ND | ND |

| Tested Item(s)   | Unit  | Limit | MDL | Result |    |    |    |    |
|------------------|-------|-------|-----|--------|----|----|----|----|
|                  |       |       |     | 8      | 14 | 18 | 19 | 24 |
| Soluble Antimony | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND | ND | ND |
| Soluble Barium   | mg/kg | 1000  | 10  | ND     | ND | ND | ND | ND |
| Soluble Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND | ND | ND |
| Soluble Chromium | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Lead     | mg/kg | 90    | 10  | ND     | ND | ND | ND | ND |
| Soluble Mercury  | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Selenium | mg/kg | 500   | 10  | ND     | ND | ND | ND | ND |

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

| Tested Item(s)   | Unit  | Limit | MDL | Result |    |    |    |    |
|------------------|-------|-------|-----|--------|----|----|----|----|
|                  |       |       |     | 25     | 29 | 31 | 32 | 33 |
| Soluble Antimony | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Arsenic  | mg/kg | 25    | 5   | ND     | ND | ND | ND | ND |
| Soluble Barium   | mg/kg | 1000  | 10  | ND     | ND | ND | ND | ND |
| Soluble Cadmium  | mg/kg | 75    | 5   | ND     | ND | ND | ND | ND |
| Soluble Chromium | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Lead     | mg/kg | 90    | 10  | ND     | ND | ND | ND | ND |
| Soluble Mercury  | mg/kg | 60    | 5   | ND     | ND | ND | ND | ND |
| Soluble Selenium | mg/kg | 500   | 10  | ND     | ND | ND | ND | ND |

**Remark:**

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

The analytical results were adjusted by subtracting analytical correction factor.

\* On the initial analysis for soluble heavy metals content, any tested component of greater than the set limit, the result is inconclusive for the requirement and therefore were retested with soluble heavy metals analysis of ASTM F963-23, Sections 8.3.2 to 8.3.5 as specified in Section 8.3.1.3. The result herein is for reference only (show data), please refer to soluble heavy metals content analysis for the corresponding conclusive results.

According to Section 8.3.1.3, if results of total eight elements are below soluble limits for each element as prescribed in the table, the material can be considered to conform to requirements of 4.3.5.1(2) or 4.3.5.2(2)(b), or both, without further testing.

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Lead Content in Substrate

Test Request: Total lead in substrate as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1001-08.3 for metal product, CPSC-CH-E1002-08.3 for nonmetal product.  
The sample was acid digested, and total lead content was determined by ICP-OES.

| Test Item(s)    | Unit  | Limit | MDL | Result |       |    |    |
|-----------------|-------|-------|-----|--------|-------|----|----|
|                 |       |       |     | 4+5    | 6+7+8 | 9  | 10 |
| Total Lead (Pb) | mg/kg | 100   | 10  | ND     | ND    | ND | ND |

| Test Item(s)    | Unit  | Limit | MDL | Result |    |    |          |
|-----------------|-------|-------|-----|--------|----|----|----------|
|                 |       |       |     | 11+12  | 13 | 35 | 36+37+38 |
| Total Lead (Pb) | mg/kg | 100   | 10  | ND     | ND | ND | ND       |

| Test Item(s)    | Unit  | Limit | MDL | Result |  |  |  |
|-----------------|-------|-------|-----|--------|--|--|--|
|                 |       |       |     | 39+40  |  |  |  |
| Total Lead (Pb) | mg/kg | 100   | 10  | ND     |  |  |  |

### Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalates Content

Test Request: Phthalates Content as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 108

Test Method: CPSC-CH-C1001-09.3

| Test Item(s)                 | CAS No.    | Unit | Limit | MDL    | Result |     |       |       |
|------------------------------|------------|------|-------|--------|--------|-----|-------|-------|
|                              |            |      |       |        | 1      | 2+3 | 4+5   | 6+7+8 |
| Dibutylphthalate (DBP)       | 84-74-2    | %    | 0.1   | 0.0050 | ND     | ND  | ND    | ND    |
| Benzylbutylphthalate (BBP)   | 85-68-7    | %    | 0.1   | 0.0050 | ND     | ND  | ND    | ND    |
| Diethylhexylphthalate (DEHP) | 117-81-7   | %    | 0.1   | 0.0050 | ND     | ND  | 0.009 | 0.012 |
| Di-n-octylphthalate (DNOP)   | 117-84-0   | %    | 0.1   | 0.0050 | ND     | ND  | ND    | ND    |
| Diisononylphthalate (DINP)   | 28553-12-0 | %    | 0.1   | 0.0050 | ND     | ND  | ND    | ND    |
| Diisodecylphthalate (DIDP)   | 26761-40-0 | %    | 0.1   | 0.0050 | ND     | ND  | ND    | ND    |

| Test Item(s)                 | CAS No.    | Unit | Limit | MDL    | Result |    |       |    |
|------------------------------|------------|------|-------|--------|--------|----|-------|----|
|                              |            |      |       |        | 9      | 10 | 11+12 | 13 |
| Dibutylphthalate (DBP)       | 84-74-2    | %    | 0.1   | 0.0050 | ND     | ND | ND    | ND |
| Benzylbutylphthalate (BBP)   | 85-68-7    | %    | 0.1   | 0.0050 | ND     | ND | ND    | ND |
| Diethylhexylphthalate (DEHP) | 117-81-7   | %    | 0.1   | 0.0050 | ND     | ND | ND    | ND |
| Di-n-octylphthalate (DNOP)   | 117-84-0   | %    | 0.1   | 0.0050 | ND     | ND | ND    | ND |
| Diisononylphthalate (DINP)   | 28553-12-0 | %    | 0.1   | 0.0050 | ND     | ND | ND    | ND |
| Diisodecylphthalate (DIDP)   | 26761-40-0 | %    | 0.1   | 0.0050 | ND     | ND | ND    | ND |

### Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## **TEST RESULT**

### **Total Lead Content in Paint / Surface Coating**

Test Request: Total lead in paint/ similar surface coatings as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1003-09.1  
The sample was acid digested, and total lead content was determined by ICP-OES.

| Test Item(s)    | Unit  | Limit | MDL | Result |     |
|-----------------|-------|-------|-----|--------|-----|
|                 |       |       |     | 1      | 2+3 |
| Total Lead (Pb) | mg/kg | 90    | 10  | ND     | ND  |

#### **Remark:**

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Phthalates Content

Test Request: Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates as specified in CPSC 16 CFR part 1307.

Test Method: CPSC-CH-C1001-09.4

| Test Item(s)                  | CAS No.    | Unit | Limit | MDL   | Result |     |       |       |
|-------------------------------|------------|------|-------|-------|--------|-----|-------|-------|
|                               |            |      |       |       | 1      | 2+3 | 4+5   | 6+7+8 |
| Diisononylphthalate (DINP)    | 28553-12-0 | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Di-n-pentyl phthalate (DPENP) | 131-18-0   | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Di-n-hexyl phthalate (DHEXP)  | 84-75-3    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Dicyclohexyl phthalate (DCHP) | 84-61-7    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Diisobutyl phthalate (DIBP)   | 84-69-5    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Diethylhexylphthalate (DEHP)  | 117-81-7   | %    | 0.1   | 0.005 | ND     | ND  | 0.009 | 0.012 |
| Dibutylphthalate (DBP)        | 84-74-2    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |
| Benzylbutylphthalate (BBP)    | 85-68-7    | %    | 0.1   | 0.005 | ND     | ND  | ND    | ND    |

| Test Item(s)                  | CAS No.    | Unit | Limit | MDL   | Result |    |       |    |
|-------------------------------|------------|------|-------|-------|--------|----|-------|----|
|                               |            |      |       |       | 9      | 10 | 11+12 | 13 |
| Diisononylphthalate (DINP)    | 28553-12-0 | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Di-n-pentyl phthalate (DPENP) | 131-18-0   | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Di-n-hexyl phthalate (DHEXP)  | 84-75-3    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Dicyclohexyl phthalate (DCHP) | 84-61-7    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Diisobutyl phthalate (DIBP)   | 84-69-5    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Diethylhexylphthalate (DEHP)  | 117-81-7   | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Dibutylphthalate (DBP)        | 84-74-2    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |
| Benzylbutylphthalate (BBP)    | 85-68-7    | %    | 0.1   | 0.005 | ND     | ND | ND    | ND |

### Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*END OF THE REPORT\*\*\*