

# TEST REPORT

**APPLICANT** : Liyou Industrial Co., Ltd

**ADDRESS** : Yangwan Industrial area, QiaoXia Town, Yongjia County,  
Zhejiang 325106

**SAMPLE DESCRIPTION** : Kid's balance board

**ITEM NO.** : LY-2417

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

**LABELED AGE GRADE** : 3+

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

**SAMPLE RECEIVED DATE** : 26-Aug-2022

**TURN AROUND TIME** : 26-Aug-2022 to 06-Sep-2022

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         |
|---------------------------------------|---------------------------------------------------------------|----------------|
| Mechanical and Physical Properties    | SOR/2011-17 amended by<br>SOR/2018-138                        | Pass           |
| Total Lead Content in Plastic         | SOR/2018-83, Consumer Products<br>Containing Lead Regulations | Pass           |
| Flammability of Toys                  | SOR/2011-17 amended by<br>SOR/2018-138                        | Pass           |
| Surface Coating Materials Regulations | SOR/2016-193                                                  | Not Applicable |
| Phthalate Regulations                 | SOR/2016-188                                                  | Pass           |
| Heavy Metals in Surface Coating       | SOR/2011-17 amended by<br>SOR/2018-138                        | Not Applicable |
| Heavy Metals in Plastic Materials     | SOR/2011-17 amended by<br>SOR/2018-138                        | Not Applicable |

*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 Product Testing Service (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@eurofins.com](mailto:info.sh@eurofins.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 Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to [chinacomplaint@eurofins.com](mailto:chinacomplaint@eurofins.com) and referring to this report number.*



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

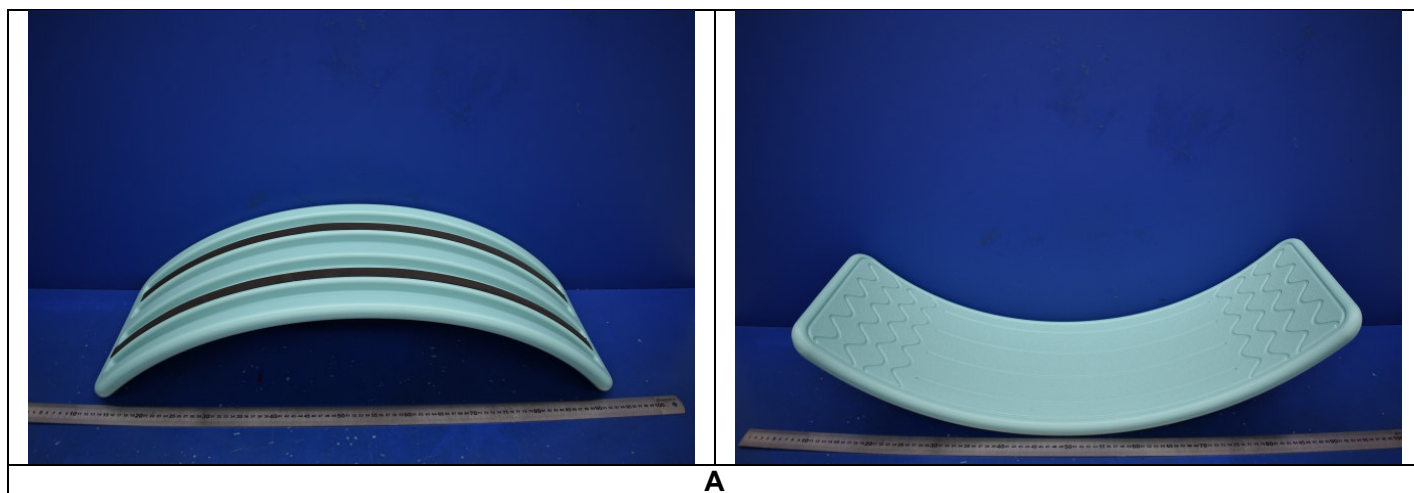
Signed for and on behalf of  
Eurofins Product Testing Service (Shanghai) Co., Ltd



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Joyce Liu  
Lab Manager

**SAMPLE PHOTO(S)**



A

**EFSH22081981-CG-03**

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

## **COMPONENT LIST**

| <b>Component No.</b> | <b>Component</b>     | <b>Sample No.</b> |
|----------------------|----------------------|-------------------|
| 1                    | Black foam with glue | A                 |
| 2                    | Blue green plastic   | A                 |

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

## TEST RESULT

### Mechanical and Physical Properties

Test Request: As specified in the mechanical hazards requirements of the tested sections of Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 amended by SOR/2018-138 and Schedule 2.

| Section | Description                                      | Result |
|---------|--------------------------------------------------|--------|
|         | Packaging                                        |        |
| 4       | Flexible film bag                                | N/A    |
|         | Mechanical Hazards                               |        |
| 7       | Small parts                                      | N/A    |
| 8       | Metal edges                                      | N/A    |
| 9       | Wire frames                                      | N/A    |
| 10      | Plastic edges                                    | P      |
| 11      | Wood                                             | N/A    |
| 12      | Glass                                            | N/A    |
| 13      | Fasteners                                        | N/A    |
| 14      | Safety stops or locking devices                  | N/A    |
| 15      | Spring-wound driving mechanisms                  | N/A    |
| 16      | Projectile components                            | N/A    |
| 17      | Enclosures                                       | N/A    |
| 18      | Stability                                        | N/A    |
|         | Auditory Hazards                                 |        |
| 19      | Decibel limit                                    | N/A    |
|         | Thermal and Flammability Hazards                 |        |
| 20      | Heated surfaces, parts or substances             | N/A    |
|         | Specific Products                                |        |
| 28      | Dolls, plush toys and soft toys - fastenings     | N/A    |
| 29      | Dolls, plush toys and soft toys - stuffing       | N/A    |
| 30      | Dolls, plush toys and soft toys - small parts    | N/A    |
| 31      | Dolls, plush toys and soft toys - eyes and noses | N/A    |
| 35      | Plant seeds - noise                              | N/A    |
| 36      | Plant seeds - stuffing material                  | N/A    |
| 37      | Pull and push toys - shaft-like handles          | N/A    |
| 38      | Toys steam engines - boilers - safety valves     | N/A    |
| 39      | Finger paints - water-based paints               | N/A    |
| 40      | Rattles - construction                           | N/A    |
| 41      | Elastics - length or extensibility               | N/A    |
| 42      | Yo-Yo type balls - stretchable cord              | N/A    |
| 43      | Magnetic Toys - Magnetic Force                   | N/A    |
| 44      | Magnetic Toys - Exceptions                       | N/A    |
|         | Canada Consumer Product Safety Act, Schedule 2   |        |
| 1       | Jequirity Beans                                  | P      |
| 8       | Kites                                            | N/A    |
| 9       | Kite strings                                     | N/A    |
| 14      | Lawn, darts with elongated tips                  | 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

### Total Lead Content in Plastic

Test Request: Lead content as specified in Canada Consumer Product Safety Act - Consumer Products Containing Lead Regulations, SOR/2018-83.

Test Method: With reference to Product Safety Laboratory, Reference Manual, Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C02.3.2-2021, analysis is performed by ICP-OES.

| Test Item(s) | Unit  | Limit | MDL | Result |    |
|--------------|-------|-------|-----|--------|----|
|              |       |       |     | 1      | 2  |
| Total Lead   | mg/kg | 100   | 10  | ND     | ND |

### Remark:

Exception:

Each accessible part may contain more than 90 mg/kg of lead if

a) lead is necessary to produce an essential characteristic of the part;

b) no alternative part containing less lead is available; and

c) the part, when tested in accordance with good laboratory practices, does not release more than 90 mg/kg of lead.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

### Flammability of Toys

Test Request: As specified in the flammability requirements of the tested sections of Canada Consumer Product Safety Act, Toys Regulations, SOR/2011-17 amended by SOR/2018-138.

| Section | Description                                                    | Result |
|---------|----------------------------------------------------------------|--------|
| 21      | Flammability of celluloid or cellulose nitrate                 | P      |
| 32      | Flammability of outer covering on doll, plush toy and soft toy | N/A    |
| 33      | Flammability of yarn on doll, plush toy and soft toy           | N/A    |
| 34      | Flammability of hair or mane on doll, plush toy and soft toy   | 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

### Phthalate Regulations

Test Request: Phthalates Content as specified in Canada Consumer Product Safety Act - Phthalate Regulations, SOR/2016-188.

Test Method: With reference to Product Safety Laboratory, Reference Manual, Book 5 - Laboratory Policies and Procedures, Part B: Test Methods Section, Method C34.2-2018, analysis is performed by GC-MS.

| Test Item(s)                       | CAS No.    | Unit | Limit | MDL   | Result |    |
|------------------------------------|------------|------|-------|-------|--------|----|
|                                    |            |      |       |       | 1      | 2  |
| Bis(2-ethylhexyl) phthalate (DEHP) | 117-81-7   | %    | 0.1   | 0.005 | ND     | ND |
| Di-n-butyl phthalate (DBP)         | 84-74-2    | %    | 0.1   | 0.005 | ND     | ND |
| Benzyl butyl phthalate (BBP)       | 85-68-7    | %    | 0.1   | 0.005 | ND     | ND |
| Diisononyl phthalate (DINP)        | 28553-12-0 | %    | 0.1   | 0.005 | ND     | ND |
| Diisodecyl phthalate (DIDP)        | 26761-40-0 | %    | 0.1   | 0.005 | ND     | ND |
| Di-n-octyl phthalate (DNOP)        | 117-84-0   | %    | 0.1   | 0.005 | ND     | ND |

### Remarks:

MDL = method detection limit

ND = Not detected, less than MDL

DEHP, DBP and BBP are restricted for the vinyl in a toy or child care article.

DINP, DIDP and DNOP are restricted for the vinyl in any part of a toy or child care article that can, in a reasonably foreseeable manner, be placed in the mouth of a child under four years of age.

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