



# TEST REPORT

Report No.: STSGZ2203183021E

Date: 1-Apr-2022

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**Applicant :** CARPENTERS MANUFACTORY LIMITED

**Address:** HUANG JIN JI INDUSTRIAL ZONE, SHANG JIE VILLAGE, QI SHI TOWN, DONG GUAN CITY, GUANG DONG PROVINCE, P.R.CHINA

The following sample(s) and sample information was/were submitted and identified by client as:

**Sample Name:** Fingers Counting Board, 1-10 Number Learning Kit(37piece)

**Model/Style/Item #:** ME09524,ME07520

**Labeled Age Grading:** .3+

**Requested Age Grading:** 3+

**Tested Age Grading:** 3+

**Receiving Date:** 18-Mar-2022

**Test Period:** From 18-Mar-2022 to 1-Apr-2022

**Add Information:** -

\*\*\*\*\*Please refer to the following page for detailed results\*\*\*\*\*

Signed for and on behalf of STS

Tim Qi  
(Technical Director)



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Guangzhou Depuhua Test Services Co. Ltd.

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## Test Summary:

| #  | Test Item(s)  | Reference Standard/Method  | Result |
|----|---|--|--------|
| 1  | Safety of Toys: Mechanical and Physical Properties  | EN 71-1:2014+A1:2018   | PASS   |
| 2  | Safety of Toys: Flammability  | EN 71-2:2020   | PASS   |
| 3  | Safety of Toys: Migration of Certain Elements   | EN 71-3:2019+A1:2021   | PASS   |
| 4  | Phthalate content (DIBP, DEHP, DBP, BBP, DINP, DIDP, DNOP) -Item 51&52 of Annex XVII of REACH Regulation (EC) 1907/2006.                                      | EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS  | PASS   |
| 5  | Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006   | IEC 62321-5:2013, determined by AAS  | PASS   |
| 6  | Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006  | IEC 62321-5:2013, determined by AAS  | PASS   |
| 7  | Mechanical and Physical Propertie   | ASTM F963-17   | PASS   |
| 8  | Flammability of Solids  | 16 CFR 1500.44 / ASTM F963-17, A5  | PASS   |
| 9  | Soluble Migrated Elements<br>ASTM F963-17   | ASTM F963-17, determined by ICP-OES  | PASS   |
| 10 | Lead Content (Pb)<br>ASTM F963-17   | CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS  | PASS   |
| 11 | Lead Content (Pb)<br>CPSIA H.R. 4040 Sec. 101   | CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS  | PASS   |
| 12 | Phthalates (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)-Consumer Product Safety Improvement Act of 2008(H.R. 4040) & H.R.2715 amendment &16 CFR Part 1307 | CPSC-CH-C1001-09.4, Solvent extract and determined by GC/MS  | PASS   |
| 13 | Mechanical and Physical Properties  | SOR/2011-17(Except Clause 3)   | PASS   |
| 14 | Flammability  | SOR/2011-17  | PASS   |
| 15 | Lead Content (Pb) and Mercury Content (Hg)<br>SOR/2011-17   | Canada Product Safety Laboratory Book 5 - Laboratory Policies and Procedures Part B, Test Methods Section, Method C02.2:2017&Method C-07:2019  | PASS   |
| 16 | Soluble Migrated Elements<br>SOR/2011-17  | Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-03: 2018  | PASS   |
| 17 | Phthalates (DBP, BBP, DEHP, DNOP, DINP, DIDP)<br>SOR/2016-188   | Canada health - Product Safety Reference Manual, Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section. Method C-34:2018, Solvent extract and determined by GC/MS | PASS   |
| 18 | Mechanical and Physical Propertie - Australian/New Zealand Standard on Safety of Toys   | AS/NZS ISO 8124.1:2019   | PASS   |

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|    |   |   |                   |
|----|---|---|-------------------|
| 19 | Flammability Properties - Australian/New Zealand Standard on Safety of Toys   | AS/NZS 8124.2:2016  | <b>PASS</b>       |
| 20 | Soluble elements Content- Australian/New Zealand Standard on Safety of Toys   | AS/NZS ISO 8124.3:2021,determined by ICP                          | <b>PASS</b>       |
| 21 | Phthalates content- As Client' s Requirement  | CPSC-CH-C1001-09.4, determined by GC-MS                           | <b>SEE RESULT</b> |
| 22 | Lead Content (Pb) - 16 CFR 1303   | CPSC-CH-E1003-09.1(Surface Coating) ,determined by AAS            | <b>PASS</b>       |
| 23 | Azo colorants content - Item 43 of Annex XVII of the REACH Regulation (EC) No 1907/2006 & amendment (EC) No 552/2009 and (EU) No 126/2013 | ISO 14362-1:2017 & ISO 14362-3:2017, determined by GC/MS and HPLC | <b>PASS</b>       |

## Result:

### 1. Safety of Toys: Mechanical and Physical Properties – EN 71-1:2014+A1:2018

**PASS**

| Clause | Parameter  | Results |
|--------|--|---------|
| 4      | General requirements   |         |
| 4.1    | Material cleanliness   | Pass    |
| 4.2    | Assembly   | Pass    |
| 4.3    | Flexible plastic sheeting  | NA      |
| 4.4    | Toy bags   | NA      |
| 4.5    | Glass  | NA      |
| 4.6    | Expanding materials  | NA      |
| 4.7    | Edges  | Pass    |
| 4.8    | Points and metallic wires  | Pass    |
| 4.9    | Protruding parts   | NA      |
| 4.10   | Parts moving against each other                                    | NA      |
| 4.11   | Mouth-actuated toys and other toys intended to be put in the mouth | NA      |
| 4.12   | Balloons   | NA      |
| 4.13   | Cords of toy kites and other flying toys                           | NA      |

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|------|--|----|
| 4.14 | Enclosures   | NA |
| 4.15 | Toys intended to bear the mass of a child  | NA |
| 4.16 | Heavy immobile toys  | NA |
| 4.17 | Projectile toys  | NA |
| 4.18 | Aquatic toys and inflatable toys   | NA |
| 4.19 | Percussion caps specifically designed for use in toys and toys using percussion caps | NA |
| 4.20 | Acoustics  | NA |
| 4.21 | Toys containing a non-electrical heat source   | NA |
| 4.22 | Small balls  | NA |
| 4.23 | Magnets  | NA |
| 4.24 | Yo-yo balls  | NA |
| 4.25 | Toys attached to food  | NA |
| 4.26 | Toy disguise costumes  | NA |
| 4.27 | Flying toys  | NA |
| 5    | Toys intended for children under 36 months   |    |
| 5.1  | General requirement  | NA |
| 5.2  | Soft-filled toys and soft-filled parts of a toy                                      | NA |
| 5.3  | Plastic sheeting   | NA |
| 5.4  | Cords, chains and electrical cables in toys  | NA |
| 5.5  | Liquid-filled toys   | NA |
| 5.6  | Speed limitation of electrically-driven ride-on toys                                 | NA |
| 5.7  | Glass and porcelain  | NA |
| 5.8  | Shape and size of certain toys   | NA |
| 5.9  | Toys comprising monofilament fibres  | NA |
| 5.10 | Small balls  | NA |

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|------|--|------|
| 5.11 | Play figures   | NA   |
| 5.12 | Hemispheric-shaped toys  | NA   |
| 5.13 | Suction cups   | NA   |
| 5.14 | Straps intended to be worn fully or partially around the neck              | NA   |
| 5.15 | Sledges with cords for pulling   | NA   |
| 6    | Packaging  | NA   |
| 7    | Warnings, markings and instructions for use                                |      |
| 7.1  | General  | Pass |
| 7.2  | Toys not intended for children under 36 months                             | Pass |
| 7.3  | Latex balloons   | NA   |
| 7.4  | Aquatic toys   | NA   |
| 7.5  | Functional toys  | NA   |
| 7.6  | Hazardous sharp functional edges and points                                | NA   |
| 7.7  | Projectile toys  | NA   |
| 7.8  | Imitation protective masks and helmets                                     | NA   |
| 7.9  | Toy kites  | NA   |
| 7.10 | Roller skates, inline skates, skateboards and certain other ride-on toys   | NA   |
| 7.11 | Toys otherwise intended to be strung across a cradle, cot, or perambulator | NA   |
| 7.12 | Liquid-filled teethingers  | NA   |
| 7.13 | Percussion caps specifically designed for use in toys                      | NA   |
| 7.14 | Acoustics  | NA   |
| 7.15 | Toy bicycles   | NA   |
| 7.16 | Toys intended to bear the mass of a child                                  | NA   |
| 7.17 | Toys comprising monofilament fibres  | NA   |

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|      |   |    |
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| 7.18 | Toy scooters  | NA |
| 7.19 | Rocking horses and similar toys   | NA |
| 7.20 | Magnetic / electrical experimental sets   | NA |
| 7.21 | Toys with electrical cables exceeding 300 mm in length                                    | NA |
| 7.22 | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA |
| 7.23 | Toys intended to be attached to a cradle, cot or perambulator                             | NA |
| 7.24 | Sledges with cords for pulling  | NA |
| 7.25 | Flying toys   | NA |
| 7.26 | Improvised projectiles  | NA |

Remark(s): NA = Not Applicable

## 2. Safety of Toys: Flammability – EN 71-2:2020

**PASS**

| Clause | Parameter   | Results |
|--------|---|---------|
| 4.1    | General requirements  | Pass    |
| 4.2    | Toys to be worn on the head   | NA      |
| 4.3    | Toy disguise costumes and toys intended to be worn by a child in play | NA      |
| 4.4    | Toys intended to be entered by a child                                | NA      |
| 4.5    | Soft-filled toys  | NA      |

Remark(s): NA = Not Applicable

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## 3. Safety of Toys: Migration of Certain Elements

EN 71-3:2019+A1:2021

General elements determined by ICP-MS

Chromium(VI) determined by IC-ICP-MS

Organic tin determined by GC-MS

| Compound |                     | Material                  |                    |                    |                    | Limit<br>(mg/kg) | RL<br>(mg/kg)     |
|----------|---------------------|---------------------------|--------------------|--------------------|--------------------|------------------|-------------------|
|          |                     | Category III <sup>1</sup> |                    |                    |                    |                  |                   |
|          |                     | 1                         | 2                  | 3                  | 4                  |                  |                   |
| 1        | Aluminum (Al)       | N.D.                      | 16                 | N.D.               | N.D.               | 70000            | 10                |
| 2        | Antimony (Sb)       | N.D.                      | N.D.               | N.D.               | N.D.               | 560              | 10                |
| 3        | Arsenic(As)         | N.D.                      | N.D.               | N.D.               | N.D.               | 47               | 5                 |
| 4        | Barium(Ba)          | 20                        | N.D.               | N.D.               | N.D.               | 18750            | 10                |
| 5        | Boron (B)           | N.D.                      | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 6        | Cadmium (Cd)        | N.D.                      | N.D.               | N.D.               | N.D.               | 17               | 5                 |
| 7        | Chromium (III) (Cr) | N.D.                      | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 8        | Chromium (VI) (Cr)  | N.D.                      | N.D.               | N.D.               | N.D.               | 0.053            | 0.053             |
| 9        | Cobalt (Co)         | N.D.                      | N.D.               | N.D.               | N.D.               | 130              | 10                |
| 10       | Copper (Cu)         | N.D.                      | N.D.               | N.D.               | N.D.               | 7700             | 10                |
| 11       | Lead(Pb)            | N.D.                      | N.D.               | N.D.               | N.D.               | 23               | 5                 |
| 12       | Manganese (Mn)      | 88                        | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 13       | Mercury (Hg)        | N.D.                      | N.D.               | N.D.               | N.D.               | 94               | 10                |
| 14       | Nickel (Ni)         | N.D.                      | N.D.               | N.D.               | N.D.               | 930              | 10                |
| 15       | Selenium(Se)        | N.D.                      | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 16       | Strontium (Sr)      | N.D.                      | N.D.               | N.D.               | N.D.               | 56000            | 10                |
| 17       | Tin (Sn)            | N.D.                      | N.D.               | N.D.               | N.D.               | 180000           | 4.9               |
| 18       | Organic tin (Sn)    | N.D.* <sup>2</sup>        | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | 12* <sup>2</sup> | 0.2* <sup>2</sup> |
| 19       | Zinc (Zn)           | N.D.                      | 144                | 1020               | N.D.               | 46000            | 10                |
|          | Conclusion          | PASS                      | PASS               | PASS               | PASS               | -                | -                 |

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| Compound |                     | Material                   |                    |                    |                    | Limit<br>(mg/kg) | RL<br>(mg/kg)     |
|----------|---------------------|----------------------------|--------------------|--------------------|--------------------|------------------|-------------------|
|          |                     | Category III <sup>*1</sup> |                    |                    |                    |                  |                   |
|          |                     | 5                          | 6                  | 7                  | 8                  |                  |                   |
| 1        | Aluminum (Al)       | N.D.                       | N.D.               | 75                 | 20                 | 70000            | 10                |
| 2        | Antimony (Sb)       | N.D.                       | N.D.               | N.D.               | N.D.               | 560              | 10                |
| 3        | Arsenic(As)         | N.D.                       | N.D.               | N.D.               | N.D.               | 47               | 5                 |
| 4        | Barium(Ba)          | N.D.                       | N.D.               | N.D.               | N.D.               | 18750            | 10                |
| 5        | Boron (B)           | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 6        | Cadmium (Cd)        | N.D.                       | N.D.               | N.D.               | N.D.               | 17               | 5                 |
| 7        | Chromium (III) (Cr) | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 8        | Chromium (VI) (Cr)  | N.D.                       | N.D.               | N.D.               | N.D.               | 0.053            | 0.053             |
| 9        | Cobalt (Co)         | N.D.                       | N.D.               | N.D.               | N.D.               | 130              | 10                |
| 10       | Copper (Cu)         | N.D.                       | N.D.               | N.D.               | N.D.               | 7700             | 10                |
| 11       | Lead(Pb)            | N.D.                       | N.D.               | N.D.               | N.D.               | 23               | 5                 |
| 12       | Manganese (Mn)      | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 13       | Mercury (Hg)        | N.D.                       | N.D.               | N.D.               | N.D.               | 94               | 10                |
| 14       | Nickel (Ni)         | N.D.                       | N.D.               | N.D.               | N.D.               | 930              | 10                |
| 15       | Selenium(Se)        | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 16       | Strontium (Sr)      | N.D.                       | N.D.               | N.D.               | N.D.               | 56000            | 10                |
| 17       | Tin (Sn)            | N.D.                       | N.D.               | N.D.               | N.D.               | 180000           | 4.9               |
| 18       | Organic tin (Sn)    | N.D.* <sup>2</sup>         | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | 12* <sup>2</sup> | 0.2* <sup>2</sup> |
| 19       | Zinc (Zn)           | N.D.                       | N.D.               | 10                 | 1230               | 46000            | 10                |
|          | Conclusion          | PASS                       | PASS               | PASS               | PASS               | -                | -                 |

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| Compound |                     | Material                   |                    |                    |                    | Limit<br>(mg/kg) | RL<br>(mg/kg)     |
|----------|---------------------|----------------------------|--------------------|--------------------|--------------------|------------------|-------------------|
|          |                     | Category III <sup>*1</sup> |                    |                    |                    |                  |                   |
|          |                     | 9                          | 10                 | 11                 | 12                 |                  |                   |
| 1        | Aluminum (Al)       | 20                         | N.D.               | N.D.               | N.D.               | 70000            | 10                |
| 2        | Antimony (Sb)       | N.D.                       | N.D.               | N.D.               | N.D.               | 560              | 10                |
| 3        | Arsenic(As)         | N.D.                       | N.D.               | N.D.               | N.D.               | 47               | 5                 |
| 4        | Barium(Ba)          | N.D.                       | N.D.               | N.D.               | N.D.               | 18750            | 10                |
| 5        | Boron (B)           | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 6        | Cadmium (Cd)        | N.D.                       | N.D.               | N.D.               | N.D.               | 17               | 5                 |
| 7        | Chromium (III) (Cr) | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 8        | Chromium (VI) (Cr)  | N.D.                       | N.D.               | N.D.               | N.D.               | 0.053            | 0.053             |
| 9        | Cobalt (Co)         | N.D.                       | N.D.               | N.D.               | N.D.               | 130              | 10                |
| 10       | Copper (Cu)         | N.D.                       | N.D.               | N.D.               | N.D.               | 7700             | 10                |
| 11       | Lead(Pb)            | N.D.                       | N.D.               | N.D.               | N.D.               | 23               | 5                 |
| 12       | Manganese (Mn)      | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 13       | Mercury (Hg)        | N.D.                       | N.D.               | N.D.               | N.D.               | 94               | 10                |
| 14       | Nickel (Ni)         | N.D.                       | N.D.               | N.D.               | N.D.               | 930              | 10                |
| 15       | Selenium(Se)        | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 16       | Strontium (Sr)      | N.D.                       | N.D.               | N.D.               | N.D.               | 56000            | 10                |
| 17       | Tin (Sn)            | N.D.                       | N.D.               | N.D.               | N.D.               | 180000           | 4.9               |
| 18       | Organic tin (Sn)    | N.D.* <sup>2</sup>         | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | 12* <sup>2</sup> | 0.2* <sup>2</sup> |
| 19       | Zinc (Zn)           | 1230                       | N.D.               | N.D.               | N.D.               | 46000            | 10                |
|          | Conclusion          | PASS                       | PASS               | PASS               | PASS               | -                | -                 |

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| Compound |                     | Material                   |                    |                    |                    | Limit<br>(mg/kg) | RL<br>(mg/kg)     |
|----------|---------------------|----------------------------|--------------------|--------------------|--------------------|------------------|-------------------|
|          |                     | Category III <sup>*1</sup> |                    |                    |                    |                  |                   |
|          |                     | 13                         | 14                 | 15                 | 16                 |                  |                   |
| 1        | Aluminum (Al)       | N.D.                       | N.D.               | N.D.               | 16                 | 70000            | 10                |
| 2        | Antimony (Sb)       | N.D.                       | N.D.               | N.D.               | N.D.               | 560              | 10                |
| 3        | Arsenic(As)         | N.D.                       | N.D.               | N.D.               | N.D.               | 47               | 5                 |
| 4        | Barium(Ba)          | N.D.                       | N.D.               | 20                 | N.D.               | 18750            | 10                |
| 5        | Boron (B)           | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 6        | Cadmium (Cd)        | N.D.                       | N.D.               | N.D.               | N.D.               | 17               | 5                 |
| 7        | Chromium (III) (Cr) | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 8        | Chromium (VI) (Cr)  | N.D.                       | N.D.               | N.D.               | N.D.               | 0.053            | 0.053             |
| 9        | Cobalt (Co)         | N.D.                       | N.D.               | N.D.               | N.D.               | 130              | 10                |
| 10       | Copper (Cu)         | N.D.                       | N.D.               | N.D.               | N.D.               | 7700             | 10                |
| 11       | Lead(Pb)            | N.D.                       | N.D.               | N.D.               | N.D.               | 23               | 5                 |
| 12       | Manganese (Mn)      | N.D.                       | N.D.               | 88                 | N.D.               | 15000            | 10                |
| 13       | Mercury (Hg)        | N.D.                       | N.D.               | N.D.               | N.D.               | 94               | 10                |
| 14       | Nickel (Ni)         | N.D.                       | N.D.               | N.D.               | N.D.               | 930              | 10                |
| 15       | Selenium(Se)        | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 16       | Strontium (Sr)      | N.D.                       | N.D.               | N.D.               | N.D.               | 56000            | 10                |
| 17       | Tin (Sn)            | N.D.                       | N.D.               | N.D.               | N.D.               | 180000           | 4.9               |
| 18       | Organic tin (Sn)    | N.D.* <sup>2</sup>         | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | 12* <sup>2</sup> | 0.2* <sup>2</sup> |
| 19       | Zinc (Zn)           | N.D.                       | N.D.               | N.D.               | 144                | 46000            | 10                |
|          | Conclusion          | PASS                       | PASS               | PASS               | PASS               | -                | -                 |

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| Compound |                     | Material       |        |        |        | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------|----------------|--------|--------|--------|------------------|---------------|
|          |                     | Category III*1 |        |        |        |                  |               |
|          |                     | 17             | 18     | 19     | 20     |                  |               |
| 1        | Aluminum (Al)       | N.D.           | 13     | N.D.   | N.D.   | 70000            | 10            |
| 2        | Antimony (Sb)       | N.D.           | N.D.   | N.D.   | N.D.   | 560              | 10            |
| 3        | Arsenic(As)         | N.D.           | N.D.   | N.D.   | N.D.   | 47               | 5             |
| 4        | Barium(Ba)          | N.D.           | N.D.   | N.D.   | N.D.   | 18750            | 10            |
| 5        | Boron (B)           | N.D.           | N.D.   | N.D.   | N.D.   | 15000            | 10            |
| 6        | Cadmium (Cd)        | N.D.           | N.D.   | N.D.   | N.D.   | 17               | 5             |
| 7        | Chromium (III) (Cr) | N.D.           | N.D.   | N.D.   | N.D.   | 460              | 10            |
| 8        | Chromium (VI) (Cr)  | N.D.           | N.D.   | N.D.   | N.D.   | 0.053            | 0.053         |
| 9        | Cobalt (Co)         | N.D.           | N.D.   | N.D.   | N.D.   | 130              | 10            |
| 10       | Copper (Cu)         | N.D.           | N.D.   | N.D.   | N.D.   | 7700             | 10            |
| 11       | Lead(Pb)            | N.D.           | N.D.   | N.D.   | N.D.   | 23               | 5             |
| 12       | Manganese (Mn)      | N.D.           | 25     | N.D.   | N.D.   | 15000            | 10            |
| 13       | Mercury (Hg)        | N.D.           | N.D.   | N.D.   | N.D.   | 94               | 10            |
| 14       | Nickel (Ni)         | N.D.           | N.D.   | N.D.   | N.D.   | 930              | 10            |
| 15       | Selenium(Se)        | N.D.           | N.D.   | N.D.   | N.D.   | 460              | 10            |
| 16       | Strontium (Sr)      | N.D.           | N.D.   | N.D.   | N.D.   | 56000            | 10            |
| 17       | Tin (Sn)            | N.D.           | N.D.   | N.D.   | N.D.   | 180000           | 4.9           |
| 18       | Organic tin (Sn)    | N.D.*2         | N.D.*2 | N.D.*2 | N.D.*2 | 12*2             | 0.2*2         |
| 19       | Zinc (Zn)           | 1020           | 12     | N.D.   | N.D.   | 46000            | 10            |
|          | Conclusion          | PASS           | PASS   | PASS   | PASS   | -                | -             |

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| Compound |                     | Material                   |                    |                    |                    | Limit<br>(mg/kg) | RL<br>(mg/kg)     |
|----------|---------------------|----------------------------|--------------------|--------------------|--------------------|------------------|-------------------|
|          |                     | Category III <sup>*1</sup> |                    |                    |                    |                  |                   |
|          |                     | 21                         | 22                 | 23                 | 24                 |                  |                   |
| 1        | Aluminum (Al)       | N.D.                       | N.D.               | N.D.               | N.D.               | 70000            | 10                |
| 2        | Antimony (Sb)       | N.D.                       | N.D.               | N.D.               | N.D.               | 560              | 10                |
| 3        | Arsenic(As)         | N.D.                       | N.D.               | N.D.               | N.D.               | 47               | 5                 |
| 4        | Barium(Ba)          | N.D.                       | N.D.               | N.D.               | N.D.               | 18750            | 10                |
| 5        | Boron (B)           | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 6        | Cadmium (Cd)        | N.D.                       | N.D.               | N.D.               | N.D.               | 17               | 5                 |
| 7        | Chromium (III) (Cr) | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 8        | Chromium (VI) (Cr)  | N.D.                       | N.D.               | N.D.               | N.D.               | 0.053            | 0.053             |
| 9        | Cobalt (Co)         | N.D.                       | N.D.               | N.D.               | N.D.               | 130              | 10                |
| 10       | Copper (Cu)         | N.D.                       | N.D.               | N.D.               | N.D.               | 7700             | 10                |
| 11       | Lead(Pb)            | N.D.                       | N.D.               | N.D.               | N.D.               | 23               | 5                 |
| 12       | Manganese (Mn)      | N.D.                       | N.D.               | N.D.               | N.D.               | 15000            | 10                |
| 13       | Mercury (Hg)        | N.D.                       | N.D.               | N.D.               | N.D.               | 94               | 10                |
| 14       | Nickel (Ni)         | N.D.                       | N.D.               | N.D.               | N.D.               | 930              | 10                |
| 15       | Selenium(Se)        | N.D.                       | N.D.               | N.D.               | N.D.               | 460              | 10                |
| 16       | Strontium (Sr)      | N.D.                       | N.D.               | 15                 | N.D.               | 56000            | 10                |
| 17       | Tin (Sn)            | N.D.                       | N.D.               | N.D.               | N.D.               | 180000           | 4.9               |
| 18       | Organic tin (Sn)    | N.D.* <sup>2</sup>         | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | N.D.* <sup>2</sup> | 12* <sup>2</sup> | 0.2* <sup>2</sup> |
| 19       | Zinc (Zn)           | N.D.                       | N.D.               | N.D.               | N.D.               | 46000            | 10                |
|          | Conclusion          | PASS                       | PASS               | PASS               | PASS               | -                | -                 |

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm

(b) RL: Report limit

(c) N.D.: Not detected (result is less than RL)

\*1: Categories of various materials:

Category I: Dry, brittle, powder like or pliable material

Category II: Liquid or sticky material

Category III: Scraped-off material

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\*2: Expressed as soluble Tributyltin.

**4. Phthalate content (DIBP、DEHP、DBP、BBP、DINP、DIDP、DNOP) - Item 51& 52 of Annex XVII of REACH Regulation (EC) 1907/2006**  
EN 14372:2004 & IEC 62321-8:2017, determined by GC-MS

| Compound |                    |  | Material |      |      |      | Limit (%) | RL (%) |
|----------|--------------------|--|----------|------|------|------|-----------|--------|
|          |                    |  | 2        | 3    | 4    | 5    |           |        |
| 1        | DBP                | Dibutyl Phthalate<br>CAS# 84-74-2            | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 2        | BBP                | Benzylbutyl Phthalate<br>CAS# 85-68-7        | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 3        | DEHP               | Bis-(2-ethylhexyl)Phthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 4        | DIBP               | Diisobutyl phthalate<br>CAS# 84-69-5         | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 5        | DNOP               | Di-n-octyl phthalate<br>CAS# 117-84-0        | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 6        | DINP               | Di-iso-nonyl phthalate<br>CAS# 28553-12-0    | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 7        | DIDP               | Diisodecyl phthalate<br>CAS# 26761-40-0      | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 8        | Sum of 1, 2, 3 & 4 |  | N.D.     | N.D. | N.D. | N.D. | 0.1       | -      |
| 9        | Sum of 5, 6 & 7    |  | N.D.     | N.D. | N.D. | N.D. | 0.1       | -      |
|          | Conclusion         |  | PASS     | PASS | PASS | PASS | -         | -      |

| Compound |      |  | Material |      |      |      | Limit (%) | RL (%) |
|----------|------|--|----------|------|------|------|-----------|--------|
|          |      |  | 6        | 7    | 8    | 9    |           |        |
| 1        | DBP  | Dibutyl Phthalate<br>CAS# 84-74-2            | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 2        | BBP  | Benzylbutyl Phthalate<br>CAS# 85-68-7        | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 3        | DEHP | Bis-(2-ethylhexyl)Phthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 4        | DIBP | Diisobutyl phthalate<br>CAS# 84-69-5         | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 5        | DNOP | Di-n-octyl phthalate<br>CAS# 117-84-0        | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 6        | DINP | Di-iso-nonyl phthalate<br>CAS# 28553-12-0    | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 7        | DIDP | Diisodecyl phthalate<br>CAS# 26761-40-0      | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |

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|   |                    |             |             |             |             |     |   |
|---|--------------------|-------------|-------------|-------------|-------------|-----|---|
| 8 | Sum of 1, 2, 3 & 4 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | - |
| 9 | Sum of 5, 6 & 7    | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | - |
|   | <b>Conclusion</b>  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -   | - |

| Compound |                    |  | Material    |             |             |             | Limit (%) | RL (%) |
|----------|--------------------|--|-------------|-------------|-------------|-------------|-----------|--------|
|          |                    |  | 10          | 11          | 13          | 16          |           |        |
| 1        | DBP                | Dibutyl Phthalate<br>CAS# 84-74-2            | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 2        | BBP                | Benzylbutyl Phthalate<br>CAS# 85-68-7        | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 3        | DEHP               | Bis-(2-ethylhexyl)Phthalate<br>CAS# 117-81-7 | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 4        | DIBP               | Diisobutyl phthalate<br>CAS# 84-69-5         | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 5        | DNOP               | Di-n-octyl phthalate<br>CAS# 117-84-0        | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 6        | DINP               | Di-iso-nonyl phthalate<br>CAS# 28553-12-0    | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 7        | DIDP               | Diisodecyl phthalate<br>CAS# 26761-40-0      | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 8        | Sum of 1, 2, 3 & 4 |  | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | -      |
| 9        | Sum of 5, 6 & 7    |  | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | -      |
|          | <b>Conclusion</b>  |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -         | -      |

| Compound |      |  | Material |      |      |      | Limit (%) | RL (%) |
|----------|------|--|----------|------|------|------|-----------|--------|
|          |      |  | 17       | 18   | 19   | 20   |           |        |
| 1        | DBP  | Dibutyl Phthalate<br>CAS# 84-74-2            | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 2        | BBP  | Benzylbutyl Phthalate<br>CAS# 85-68-7        | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 3        | DEHP | Bis-(2-ethylhexyl)Phthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 4        | DIBP | Diisobutyl phthalate<br>CAS# 84-69-5         | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 5        | DNOP | Di-n-octyl phthalate<br>CAS# 117-84-0        | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 6        | DINP | Di-iso-nonyl phthalate<br>CAS# 28553-12-0    | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |
| 7        | DIDP | Diisodecyl phthalate<br>CAS# 26761-40-0      | N.D.     | N.D. | N.D. | N.D. | -         | 0.005  |

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|   |                    |             |             |             |             |     |   |
|---|--------------------|-------------|-------------|-------------|-------------|-----|---|
| 8 | Sum of 1, 2, 3 & 4 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | - |
| 9 | Sum of 5, 6 & 7    | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | - |
|   | <b>Conclusion</b>  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -   | - |

| Compound |                    |  | Material    |             |             |             | Limit (%) | RL (%) |
|----------|--------------------|--|-------------|-------------|-------------|-------------|-----------|--------|
|          |                    |  | 21          | 22          | 23          | 24          |           |        |
| 1        | DBP                | Dibutyl Phthalate<br>CAS# 84-74-2            | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 2        | BBP                | Benzylbutyl Phthalate<br>CAS# 85-68-7        | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 3        | DEHP               | Bis-(2-ethylhexyl)Phthalate<br>CAS# 117-81-7 | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 4        | DIBP               | Diisobutyl phthalate<br>CAS# 84-69-5         | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 5        | DNOP               | Di-n-octyl phthalate<br>CAS# 117-84-0        | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 6        | DINP               | Di-iso-nonyl phthalate<br>CAS# 28553-12-0    | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 7        | DIDP               | Diisodecyl phthalate<br>CAS# 26761-40-0      | N.D.        | N.D.        | N.D.        | N.D.        | -         | 0.005  |
| 8        | Sum of 1, 2, 3 & 4 |  | N.D.        | N.D.        | N.D.        | N.D.        | N.D.      | -      |
| 9        | Sum of 5, 6 & 7    |  | N.D.        | N.D.        | N.D.        | N.D.        | N.D.      | -      |
|          | <b>Conclusion</b>  |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -         | -      |

Remark(s): (a) RL: Report limit  
(b) N.D.: Not detected (result is less than RL)

## 5. Cadmium content -Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 IEC 62321-5:2013, determined by AAS

| Compound |                               | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                               | 2           | 3           | 4           | 5           |               |            |
| 1        | Cadmium (Cd)<br>CAS#7440-43-9 | N.D.        | N.D.        | N.D.        | N.D.        | 100           | 10         |
|          | <b>Conclusion</b>             | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

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| Compound |                               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|-------------------------------|----------|------|------|------|------------------|---------------|
|          |                               | 6        | 7    | 8    | 9    |                  |               |
| 1        | Cadmium (Cd)<br>CAS#7440-43-9 | N.D.     | N.D. | N.D. | N.D. | 100              | 10            |
|          | Conclusion                    | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|-------------------------------|----------|------|------|------|------------------|---------------|
|          |                               | 10       | 11   | 13   | 16   |                  |               |
| 1        | Cadmium (Cd)<br>CAS#7440-43-9 | N.D.     | N.D. | N.D. | N.D. | 100              | 10            |
|          | Conclusion                    | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|-------------------------------|----------|------|------|------|------------------|---------------|
|          |                               | 17       | 18   | 19   | 20   |                  |               |
| 1        | Cadmium (Cd)<br>CAS#7440-43-9 | N.D.     | N.D. | N.D. | N.D. | 100              | 10            |
|          | Conclusion                    | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|-------------------------------|----------|------|------|------|------------------|---------------|
|          |                               | 21       | 22   | 23   | 24   |                  |               |
| 1        | Cadmium (Cd)<br>CAS#7440-43-9 | N.D.     | N.D. | N.D. | N.D. | 100              | 10            |
|          | Conclusion                    | PASS     | PASS | PASS | PASS | -                | -             |

## 6. Total Lead content -Item 63 of Annex XVII of REACH Regulation (EC) 1907/2006 IEC 62321-5:2013, determined by AAS

| Compound |                           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------------|----------|------|------|------|------------------|---------------|
|          |                           | 2        | 3    | 4    | 5    |                  |               |
| 1        | Lead(Pb)<br>CAS#7439-92-1 | N.D.     | N.D. | N.D. | N.D. | 500              | 10            |
|          | Conclusion                | PASS     | PASS | PASS | PASS | -                | -             |

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| Compound |                           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------------|----------|------|------|------|------------------|---------------|
|          |                           | 6        | 7    | 8    | 9    |                  |               |
| 1        | Lead(Pb)<br>CAS#7439-92-1 | N.D.     | N.D. | N.D. | N.D. | 500              | 10            |
|          | Conclusion                | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------------|----------|------|------|------|------------------|---------------|
|          |                           | 10       | 11   | 13   | 14   |                  |               |
| 1        | Lead(Pb)<br>CAS#7439-92-1 | N.D.     | N.D. | N.D. | N.D. | 500              | 10            |
|          | Conclusion                | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------------|----------|------|------|------|------------------|---------------|
|          |                           | 16       | 17   | 18   | 19   |                  |               |
| 1        | Lead(Pb)<br>CAS#7439-92-1 | N.D.     | N.D. | N.D. | N.D. | 500              | 10            |
|          | Conclusion                | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------------|----------|------|------|------|------------------|---------------|
|          |                           | 20       | 21   | 22   | 23   |                  |               |
| 1        | Lead(Pb)<br>CAS#7439-92-1 | N.D.     | N.D. | N.D. | N.D. | 500              | 10            |
|          | Conclusion                | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |                           | Material | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------------------|----------|------------------|---------------|
|          |                           | 24       |                  |               |
| 1        | Lead(Pb)<br>CAS#7439-92-1 | N.D.     | 500              | 10            |
|          | Conclusion                | PASS     | -                | -             |

Remark(s): (a) mg/kg: milligram per kilogram  
(b) RL: Report limit  
(c) N.D.: Not detected (result is less than RL)

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## 7. Mechanical and Physical Properties – ASTM F963-17

**PASS**

| Clause | Parameter   | Results |
|--------|---|---------|
| 4      | Safety Requirements                               |         |
| 4.1    | Material Quality                                  | Pass    |
| 4.2    | Flammability                                      | NA      |
| 4.4    | Electrical / Thermal Energy                       | NA      |
| 4.5    | Sound-Producing Toys                              | NA      |
| 4.6    | Small Objects                                     | Pass    |
| 4.7    | Accessible Edges                                  | Pass    |
| 4.8    | Projections                                       | NA      |
| 4.9    | Accessible Points                                 | Pass    |
| 4.10   | Wires or Rods                                     | NA      |
| 4.11   | Nails and Fasteners                               | Pass    |
| 4.12   | Plastic Film                                      | NA      |
| 4.13   | Folding Mechanisms and Hinges                     | NA      |
| 4.14   | Cords, Straps, and Elastics                       | NA      |
| 4.15   | Stability and Over-Load Requirements              | NA      |
| 4.16   | Confined Spaces                                   | NA      |
| 4.17   | Wheels, Tires, and Axles                          | NA      |
| 4.18   | Holes, Clearance, and Accessibility of Mechanisms | NA      |
| 4.19   | Simulated Protective Devices                      | NA      |
| 4.20   | Pacifiers   | NA      |
| 4.21   | Projectile Toys                                   | NA      |
| 4.22   | Teethers and Teething Toys                        | NA      |

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|      |   |      |
|------|---|------|
| 4.23 | Rattles   | NA   |
| 4.24 | Squeeze Toys                                      | NA   |
| 4.26 | Toys Intended to be Attached to a Crib or Playpen | NA   |
| 4.27 | Stuffed and Beanbag-Type Toys                     | NA   |
| 4.28 | Stroller and Carriage Toys                        | NA   |
| 4.29 | Art Materials                                     | NA   |
| 4.30 | Toy Gun Marking                                   | NA   |
| 4.31 | Balloons  | NA   |
| 4.32 | Certain Toys with Nearly Spherical Ends           | NA   |
| 4.33 | Marbles   | NA   |
| 4.34 | Balls   | NA   |
| 4.35 | Pompoms   | NA   |
| 4.36 | Hemispheric-Shaped Objects                        | NA   |
| 4.37 | Yo Yo Elastic Tether Toys                         | NA   |
| 4.38 | Magnets   | NA   |
| 4.39 | Jaw Entrapments in Handles and Steering Wheels    | NA   |
| 4.40 | Expanding Materials                               | NA   |
| 4.41 | Toy Chests  | NA   |
| 5    | Labeling Requirements                             |      |
| 5.1  | Federal Government Requirements                   | NA   |
| 5.2  | Age Grading Labeling                              | Pass |
| 5.3  | Safety Labeling Requirements                      | Pass |
| 5.4  | Aquatic Toys                                      | NA   |
| 5.5  | Crib and Playpen Toys                             | NA   |
| 5.6  | Mobiles   | NA   |

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|      |   |      |
|------|---|------|
| 5.7  | Stroller and Carriage Toys                        | NA   |
| 5.8  | Toys Intended to be Assembled by an Adult         | Pass |
| 5.9  | Simulated Protective Devices                      | NA   |
| 5.10 | Toys with Functional Sharp Edges or Points        | NA   |
| 5.11 | Small Objects, Small Balls, Marbles, and Balloons | Pass |
| 5.12 | Toy Caps  | NA   |
| 5.13 | Art Materials                                     | NA   |
| 5.14 | Electric Toys                                     | NA   |
| 5.16 | Promotional Materials                             | NA   |
| 5.17 | Magnets   | NA   |
| 6    | Instructional Literature                          |      |
| 6.1  | Definition and Description                        | Pass |
| 6.2  | Crib and Playpen Toys                             | NA   |
| 6.3  | Mobiles   | NA   |
| 6.4  | Toys Intended to be Assembled by an Adult         | NA   |
| 6.7  | Toys in Contact with Food                         | NA   |
| 6.8  | Toy Chests  | NA   |
| 7    | Producer's Markings                               | Pass |
| 8    | Test Methods                                      |      |
| 8.5  | Normal Use Testing                                | Pass |
| 8.6  | Abuse Testing                                     | Pass |
| 8.7  | Impact Tests                                      | Pass |
| 8.8  | Torque Tests for Removal of Components            | Pass |
| 8.9  | Tension Tests for Removal of Components           | Pass |
| 8.10 | Compression Tests                                 | Pass |

Remark(s): NA = Not Applicable

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**8 Flammability of Solids – 16 CFR 1500.44 / ASTM F963-17, A5****PASS**

| Clause                            | Parameter    | Results |
|-----------------------------------|--------------|---------|
| 16 CFR 1500.44 / ASTM F963-17, A5 | Flammability | Pass    |

**9. Soluble Migrated Elements**  
ASTM F963-17, determined by ICP-OES

| Compound   |               | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|------------|---------------|----------|------|------|------|---------------|------------|
|            |               | 1        | 2    | 3    | 4    |               |            |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25            | 2          |
| 3          | Barium (Ba)   | 14       | N.D. | N.D. | N.D. | 1000          | 5          |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75            | 5          |
| 5          | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 6          | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90            | 5          |
| 7          | Mercury (Hg)  | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 8          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 500           | 5          |
| Conclusion |               | PASS     | PASS | PASS | PASS | -             | -          |

| Compound |               | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|---------------|----------|------|------|------|---------------|------------|
|          |               | 5        | 6    | 7    | 8    |               |            |
| 1        | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 2        | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25            | 2          |
| 3        | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 4        | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75            | 5          |
| 5        | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 6        | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90            | 5          |

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|   |                   |             |             |             |             |     |   |
|---|-------------------|-------------|-------------|-------------|-------------|-----|---|
| 7 | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | 60  | 5 |
| 8 | Selenium (Se)     | N.D.        | N.D.        | N.D.        | N.D.        | 500 | 5 |
|   | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -   | - |

| Compound |                   | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                   | 9           | 10          | 11          | 12          |               |            |
| 1        | Antimony (Sb)     | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 2        | Arsenic (As)      | N.D.        | N.D.        | N.D.        | N.D.        | 25            | 2          |
| 3        | Barium (Ba)       | N.D.        | N.D.        | N.D.        | N.D.        | 1000          | 5          |
| 4        | Cadmium (Cd)      | N.D.        | N.D.        | N.D.        | N.D.        | 75            | 5          |
| 5        | Chromium (Cr)     | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 6        | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 90            | 5          |
| 7        | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 8        | Selenium (Se)     | N.D.        | N.D.        | N.D.        | N.D.        | 500           | 5          |
|          | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

| Compound |                   | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                   | 13          | 14          | 15          | 16          |               |            |
| 1        | Antimony (Sb)     | N.D.        | N.D.        | 14          | N.D.        | 60            | 5          |
| 2        | Arsenic (As)      | N.D.        | N.D.        | N.D.        | N.D.        | 25            | 2          |
| 3        | Barium (Ba)       | N.D.        | N.D.        | N.D.        | N.D.        | 1000          | 5          |
| 4        | Cadmium (Cd)      | N.D.        | N.D.        | N.D.        | N.D.        | 75            | 5          |
| 5        | Chromium (Cr)     | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 6        | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 90            | 5          |
| 7        | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 8        | Selenium (Se)     | N.D.        | N.D.        | N.D.        | N.D.        | 500           | 5          |
|          | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

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| Compound   |               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|---------------|----------|------|------|------|------------------|---------------|
|            |               | 17       | 18   | 19   | 20   |                  |               |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25               | 2             |
| 3          | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000             | 5             |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75               | 5             |
| 5          | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 6          | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90               | 5             |
| 7          | Mercury (Hg)  | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 8          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 500              | 5             |
| Conclusion |               | PASS     | PASS | PASS | PASS | -                | -             |

| Compound   |               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|---------------|----------|------|------|------|------------------|---------------|
|            |               | 21       | 22   | 23   | 24   |                  |               |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25               | 2             |
| 3          | Barium (Ba)   | N.D.     | N.D. | N.D. | 13   | 1000             | 5             |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75               | 5             |
| 5          | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 6          | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90               | 5             |
| 7          | Mercury (Hg)  | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 8          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 500              | 5             |
| Conclusion |               | PASS     | PASS | PASS | PASS | -                | -             |

Remark(s): (a) mg/kg: milligram per kilogram  
(b) RL: Report limit  
(c) N.D.: Not detected (result is less than RL)

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## 10. Lead Content (Pb) – ASTM F963-17

CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS

| Compound |            | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|------------|----------|------|------|------|---------------|------------|
|          |            | 3        | 4    | 5    | 6    |               |            |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 90            | 10         |
|          | Conclusion | PASS     | PASS | PASS | PASS | -             | -          |

| Compound |            | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|------------|----------|------|------|------|---------------|------------|
|          |            | 7        | 8    | 9    | 17   |               |            |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 90            | 10         |
|          | Conclusion | PASS     | PASS | PASS | PASS | -             | -          |

| Compound |            | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|------------|----------|------|------|------|---------------|------------|
|          |            | 18       | 19   | 20   | 24   |               |            |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 90            | 10         |
|          | Conclusion | PASS     | PASS | PASS | PASS | -             | -          |

| Compound |            | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|------------|----------|------|------|------|---------------|------------|
|          |            | 2        | 10   | 11   | 13   |               |            |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 100           | 10         |
|          | Conclusion | PASS     | PASS | PASS | PASS | -             | -          |

| Compound |            | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|------------|----------|------|------|------|---------------|------------|
|          |            | 14       | 16   | 21   | 22   |               |            |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 100           | 10         |
|          | Conclusion | PASS     | PASS | PASS | PASS | -             | -          |

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| Compound |            | Material | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|------------|----------|------------------|---------------|
|          |            | 23       |                  |               |
| 1        | Lead (Pb)  | N.D.     | 100              | 10            |
|          | Conclusion | PASS     | -                | -             |

Remark(s): (a) mg/kg: milligram per kilogram  
(b) RL: Report limit  
(c) N.D.: Not detected (result is less than RL)

## 11. Lead Content (Pb) – CPSIA H.R. 4040 Sec. 101

CPSC-CH-E1001-08.3 (Metal Substrate), CPSC-CH-E1002-08.3 (Non-metal Substrate), CPSC-CH-E1003-09.1 (Surface Coating), determined by AAS

| Compound   |           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|-----------|----------|------|------|------|------------------|---------------|
|            |           | 3        | 4    | 5    | 6    |                  |               |
| 1          | Lead (Pb) | N.D.     | N.D. | N.D. | N.D. | 90               | 10            |
| Conclusion |           | PASS     | PASS | PASS | PASS | -                | -             |

| Compound   |           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|-----------|----------|------|------|------|------------------|---------------|
|            |           | 7        | 8    | 9    | 17   |                  |               |
| 1          | Lead (Pb) | N.D.     | N.D. | N.D. | N.D. | 90               | 10            |
| Conclusion |           | PASS     | PASS | PASS | PASS | -                | -             |

| Compound   |           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|-----------|----------|------|------|------|------------------|---------------|
|            |           | 18       | 19   | 20   | 24   |                  |               |
| 1          | Lead (Pb) | N.D.     | N.D. | N.D. | N.D. | 90               | 10            |
| Conclusion |           | PASS     | PASS | PASS | PASS | -                | -             |

| Compound   |           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|-----------|----------|------|------|------|------------------|---------------|
|            |           | 2        | 10   | 11   | 13   |                  |               |
| 1          | Lead (Pb) | N.D.     | N.D. | N.D. | N.D. | 100              | 10            |
| Conclusion |           | PASS     | PASS | PASS | PASS | -                | -             |

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| Compound |                   | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                   | 14          | 16          | 21          | 22          |               |            |
| 1        | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 100           | 10         |
|          | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

| Compound |            | Material | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|------------|----------|------------------|---------------|
|          |            | 23       |                  |               |
| 1        | Lead (Pb)  | N.D.     | 100              | 10            |
|          | Conclusion | PASS     | -                | -             |

Remark(s): (a) mg/kg: milligram per kilogram  
(b) RL: Report limit  
(c) N.D.: Not detected (result is less than RL)

## 12. Phthalates (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)-Consumer Product Safety Improvement Act of 2008(H.R. 4040) & H.R.2715 amendment &16 CFR Part 1307. CPSC-CH-C1001-09.4, Solvent extract and determined by GC/MS

| Compound |                   |  | Material    |             |             |             | Limit (%) | RL (%) |
|----------|-------------------|--|-------------|-------------|-------------|-------------|-----------|--------|
|          |                   |  | 2           | 3           | 4           | 5           |           |        |
| 1        | DIBP              | Diisobutyl phthalate<br>CAS# 84-69-5                 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 2        | DBP               | Dibutyl phthalate<br>CAS# 84-74-2                    | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 3        | DPENP             | Di-n-pentyl Phthalate<br>CAS# 131-18-0               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 4        | DHEXP             | Di-n-hexyl Phthalate<br>CAS# 84-75-3                 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 5        | BBP               | Benzyl butyl phthalate<br>CAS# 85-68-7               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 6        | DEHP              | Bis (2-ethylhexyl) phthalate<br>CAS# 117-81-7        | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 7        | DCHP              | Dicyclohexyl Phthalate<br>CAS# 84-61-7               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 8        | DINP              | Di-iso-nonyl phthalate<br>CAS# 28553-12-0,68515-48-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
|          | <b>Conclusion</b> |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -         | -      |

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| Compound   |       |  | Material |      |      |      | Limit (%) | RL (%) |
|------------|-------|--|----------|------|------|------|-----------|--------|
|            |       |  | 6        | 7    | 8    | 9    |           |        |
| 1          | DIBP  | Diisobutyl phthalate<br>CAS# 84-69-5                 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 2          | DBP   | Dibutyl phthalate<br>CAS# 84-74-2                    | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 3          | DPENP | Di-n-pentyl Phthalate<br>CAS# 131-18-0               | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 4          | DHEXP | Di-n-hexyl Phthalate<br>CAS# 84-75-3                 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 5          | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7               | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 6          | DEHP  | Bis (2-ethylhexyl)<br>phthalate<br>CAS# 117-81-7     | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 7          | DCHP  | Dicyclohexyl Phthalate<br>CAS# 84-61-7               | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 8          | DINP  | Di-iso-nonyl phthalate<br>CAS# 28553-12-0,68515-48-0 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| Conclusion |       |  | PASS     | PASS | PASS | PASS | -         | -      |

| Compound   |       |  | Material |      |      |      | Limit (%) | RL (%) |
|------------|-------|--|----------|------|------|------|-----------|--------|
|            |       |  | 10       | 11   | 13   | 16   |           |        |
| 1          | DIBP  | Diisobutyl phthalate<br>CAS# 84-69-5                 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 2          | DBP   | Dibutyl phthalate<br>CAS# 84-74-2                    | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 3          | DPENP | Di-n-pentyl Phthalate<br>CAS# 131-18-0               | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 4          | DHEXP | Di-n-hexyl Phthalate<br>CAS# 84-75-3                 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 5          | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7               | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 6          | DEHP  | Bis (2-ethylhexyl)<br>phthalate<br>CAS# 117-81-7     | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 7          | DCHP  | Dicyclohexyl Phthalate<br>CAS# 84-61-7               | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 8          | DINP  | Di-iso-nonyl phthalate<br>CAS# 28553-12-0,68515-48-0 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| Conclusion |       |  | PASS     | PASS | PASS | PASS | -         | -      |

| Compound |      |                                      | Material |      |      |      | Limit (%) | RL (%) |
|----------|------|--------------------------------------|----------|------|------|------|-----------|--------|
|          |      |                                      | 17       | 18   | 19   | 20   |           |        |
| 1        | DIBP | Diisobutyl phthalate<br>CAS# 84-69-5 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |

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|                   |       |  |             |             |             |             |     |       |
|-------------------|-------|--|-------------|-------------|-------------|-------------|-----|-------|
| 2                 | DBP   | Dibutyl phthalate<br>CAS# 84-74-2                    | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 3                 | DPENP | Di-n-pentyl Phthalate<br>CAS# 131-18-0               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 4                 | DHEXP | Di-n-hexyl Phthalate<br>CAS# 84-75-3                 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 5                 | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 6                 | DEHP  | Bis (2-ethylhexyl)<br>phthalate<br>CAS# 117-81-7     | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 7                 | DCHP  | Dicyclohexyl Phthalate<br>CAS# 84-61-7               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 8                 | DINP  | Di-iso-nonyl phthalate<br>CAS# 28553-12-0,68515-48-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| <b>Conclusion</b> |       |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -   | -     |

| Compound          |       |  | Material    |             |             |             | Limit (%) | RL (%) |
|-------------------|-------|--|-------------|-------------|-------------|-------------|-----------|--------|
|                   |       |  | 21          | 22          | 23          | 24          |           |        |
| 1                 | DIBP  | Diisobutyl phthalate<br>CAS# 84-69-5                 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 2                 | DBP   | Dibutyl phthalate<br>CAS# 84-74-2                    | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 3                 | DPENP | Di-n-pentyl Phthalate<br>CAS# 131-18-0               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 4                 | DHEXP | Di-n-hexyl Phthalate<br>CAS# 84-75-3                 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 5                 | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 6                 | DEHP  | Bis (2-ethylhexyl)<br>phthalate<br>CAS# 117-81-7     | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 7                 | DCHP  | Dicyclohexyl Phthalate<br>CAS# 84-61-7               | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 8                 | DINP  | Di-iso-nonyl phthalate<br>CAS# 28553-12-0,68515-48-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| <b>Conclusion</b> |       |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -         | -      |

Remark(s): (a) RL: Report limit  
(b) N.D.: Not detected (result is less than RL)

## 13. Mechanical and Physical Properties – SOR/2011-17

**PASS**

| Clause | Parameter          | Results |
|--------|--------------------|---------|
| 3      | Official languages | NR      |

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|    |  |      |
|----|--|------|
| 4  | Flexible film bags                               | NA   |
| 7  | Small parts                                      | Pass |
| 8  | Metal edges                                      | Pass |
| 9  | Wire frames                                      | NA   |
| 10 | Plastic edges                                    | NA   |
| 11 | Wood   | Pass |
| 12 | Glass  | NA   |
| 13 | Fasteners  | Pass |
| 14 | Safety stops or locking devices                  | NA   |
| 15 | Spring-wound driving mechanisms                  | NA   |
| 16 | Projectile components                            | NA   |
| 17 | Enclosures                                       | NA   |
| 18 | Stability  | NA   |
| 19 | Decibel limit                                    | NA   |
| 28 | Dolls, plush toys and soft toys – Fastenings     | NA   |
| 29 | Dolls, plush toys and soft toys – Stuffing       | NA   |
| 30 | Dolls, plush toys and soft toys – Small parts    | NA   |
| 31 | Dolls, plush toys and soft toys – Eyes and noses | NA   |
| 35 | Plant seeds – Noise                              | NA   |
| 36 | Plant seeds – stuffing material                  | NA   |
| 37 | Pull and push toys                               | NA   |
| 38 | Toys steam engines                               | NA   |
| 39 | Finger paints                                    | NA   |
| 40 | Rattles  | NA   |
| 41 | Elastics   | NA   |

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|    |                  |    |
|----|------------------|----|
| 42 | Yo-yo type balls | NA |
| 43 | Magnetic toys    | NA |

Remark(s): NA = Not Applicable  
NR=Not Required

## 14. Flammability – SOR/2011-17

**PASS**

| Clause | Parameter  | Results |
|--------|--|---------|
| 21     | Celluloid or cellulose nitrate                                   | Pass    |
| 32     | Dolls, plush toys and soft toys – Flammability of outer covering | NA      |
| 33     | Dolls, plush toys and soft toys – Flammability of yarn           | NA      |
| 34     | Dolls, plush toys and soft toys – Flammability of hair or mane   | NA      |

## 15. Lead Content (Pb) and Mercury Content (Hg)

Canada Product Safety Laboratory Book 5 - Laboratory Policies and Procedures Part B, Test Methods Section, Method C02.2:2017&Method C-07:2019

| Compound |                   | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                   | 3           | 4           | 5           | 6           |               |            |
| 1        | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 90            | 10         |
| 2        | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | Not Detected  | 5          |
|          | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

| Compound |                   | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                   | 7           | 8           | 9           | 17          |               |            |
| 1        | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 90            | 10         |
| 2        | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | Not Detected  | 5          |
|          | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

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| Compound   |              | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|------------|--------------|----------|------|------|------|---------------|------------|
|            |              | 18       | 19   | 20   | 24   |               |            |
| 1          | Lead (Pb)    | N.D.     | N.D. | N.D. | N.D. | 90            | 10         |
| 2          | Mercury (Hg) | N.D.     | N.D. | N.D. | N.D. | Not Detected  | 5          |
| Conclusion |              | PASS     | PASS | PASS | PASS | -             | -          |

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm  
(b) RL: Report limit  
(c) N.D.: Not detected (result is less than RL)

## 16. Soluble Migrated Elements

Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-03: 2018, determined by ICP-OES

| Compound   |               | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|------------|---------------|----------|------|------|------|---------------|------------|
|            |               | 3        | 4    | 5    | 6    |               |            |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 1000          | 2          |
| 3          | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 5          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| Conclusion |               | PASS     | PASS | PASS | PASS | -             | -          |

| Compound   |               | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|------------|---------------|----------|------|------|------|---------------|------------|
|            |               | 7        | 8    | 9    | 17   |               |            |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 1000          | 2          |
| 3          | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 5          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| Conclusion |               | PASS     | PASS | PASS | PASS | -             | -          |

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| Compound   |               | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|------------|---------------|----------|------|------|------|---------------|------------|
|            |               | 18       | 19   | 20   | 24   |               |            |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 1000          | 2          |
| 3          | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 5          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| Conclusion |               | PASS     | PASS | PASS | PASS | -             | -          |

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm  
 (b) RL: Report limit  
 (c) N.D.: Not detected (result is less than RL)  
 (d) This item is not included in CNAS accreditation scope

## 17. Phthalates – (DBP, BBP, DEHP, DNOP, DINP, DIDP)

Canada health – Product Safety Reference Manual, Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section.  
 Method C-34:2018, Solvent extract and determined by GC/MS, solvent extract and determined by GC/MS

| Compound   |      |  | Material |      |      |      | Limit (%) | RL (%) |
|------------|------|--|----------|------|------|------|-----------|--------|
|            |      |  | 2        | 3    | 4    | 5    |           |        |
| 1          | DBP  | Dibutylphthalate<br>CAS# 84-74-2       | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 2          | BBP  | Benzylbutylphthalate<br>CAS# 85-68-7   | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 3          | DEHP | Diethylhexylphthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 4          | DNOP | Di-n-octylphthalate<br>CAS# 117-84-0   | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 5          | DINP | Diisononylphthalate<br>CAS# 28553-12-0 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 6          | DIDP | Diisodecylphthalate<br>CAS# 26761-40-0 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| Conclusion |      |  | PASS     | PASS | PASS | PASS | -         | -      |

| Compound |     |                                  | Material |      |      |      | Limit (%) | RL (%) |
|----------|-----|----------------------------------|----------|------|------|------|-----------|--------|
|          |     |                                  | 6        | 7    | 8    | 9    |           |        |
| 1        | DBP | Dibutylphthalate<br>CAS# 84-74-2 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |

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|                   |      |  |             |             |             |             |     |       |
|-------------------|------|--|-------------|-------------|-------------|-------------|-----|-------|
| 2                 | BBP  | Benzylbutylphthalate<br>CAS# 85-68-7   | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 3                 | DEHP | Diethylhexylphthalate<br>CAS# 117-81-7 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 4                 | DNOP | Di-n-octylphthalate<br>CAS# 117-84-0   | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 5                 | DINP | Diisononylphthalate<br>CAS# 28553-12-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| 6                 | DIDP | Diisodecylphthalate<br>CAS# 26761-40-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1 | 0.005 |
| <b>Conclusion</b> |      |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -   | -     |

| Compound          |      |  | Material    |             |             |             | Limit (%) | RL (%) |
|-------------------|------|--|-------------|-------------|-------------|-------------|-----------|--------|
|                   |      |  | 10          | 11          | 13          | 16          |           |        |
| 1                 | DBP  | Dibutylphthalate<br>CAS# 84-74-2       | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 2                 | BBP  | Benzylbutylphthalate<br>CAS# 85-68-7   | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 3                 | DEHP | Diethylhexylphthalate<br>CAS# 117-81-7 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 4                 | DNOP | Di-n-octylphthalate<br>CAS# 117-84-0   | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 5                 | DINP | Diisononylphthalate<br>CAS# 28553-12-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 6                 | DIDP | Diisodecylphthalate<br>CAS# 26761-40-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| <b>Conclusion</b> |      |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -         | -      |

| Compound          |      |  | Material    |             |             |             | Limit (%) | RL (%) |
|-------------------|------|--|-------------|-------------|-------------|-------------|-----------|--------|
|                   |      |  | 17          | 18          | 19          | 20          |           |        |
| 1                 | DBP  | Dibutylphthalate<br>CAS# 84-74-2       | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 2                 | BBP  | Benzylbutylphthalate<br>CAS# 85-68-7   | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 3                 | DEHP | Diethylhexylphthalate<br>CAS# 117-81-7 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 4                 | DNOP | Di-n-octylphthalate<br>CAS# 117-84-0   | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 5                 | DINP | Diisononylphthalate<br>CAS# 28553-12-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| 6                 | DIDP | Diisodecylphthalate<br>CAS# 26761-40-0 | N.D.        | N.D.        | N.D.        | N.D.        | 0.1       | 0.005  |
| <b>Conclusion</b> |      |  | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -         | -      |

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| Compound   |      |  | Material |      |      |      | Limit (%) | RL (%) |
|------------|------|--|----------|------|------|------|-----------|--------|
|            |      |  | 21       | 22   | 23   | 24   |           |        |
| 1          | DBP  | Dibutylphthalate<br>CAS# 84-74-2       | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 2          | BBP  | Benzylbutylphthalate<br>CAS# 85-68-7   | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 3          | DEHP | Diethylhexylphthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 4          | DNOP | Di-n-octylphthalate<br>CAS# 117-84-0   | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 5          | DINP | Diisononylphthalate<br>CAS# 28553-12-0 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| 6          | DIDP | Diisodecylphthalate<br>CAS# 26761-40-0 | N.D.     | N.D. | N.D. | N.D. | 0.1       | 0.005  |
| Conclusion |      |  | PASS     | PASS | PASS | PASS | -         | -      |

Remark(s): (a) RL: Report limit  
(b) N.D.: Not detected (result is less than RL)

## 18. Mechanical and Physical Properties - Australian/New Zealand Standard on Safety of Toys AS/NZS ISO 8124.1:2019

| Section | Testing Items   | Assessment |
|---------|---|------------|
| 4       | Requirements  |            |
| 4.1     | Normal use  | Pass       |
| 4.2     | Reasonably foreseeable abuse                          | Pass       |
| 4.3     | Material  | Pass       |
| 4.4     | Small parts   | Pass       |
| 4.5     | Shape, size, and strength of certain toys             | NA         |
| 4.6     | Edges   | Pass       |
| 4.7     | Points  | Pass       |
| 4.8     | Projections   | NA         |
| 4.9     | Metal wires and rods                                  | NA         |
| 4.10    | Plastic film or plastic bags in packaging and in toys | NA         |
| 4.11    | Cords and elastics                                    | NA         |

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| Section | Testing Items  | Assessment |
|---------|--|------------|
| 4.12    | Folding mechanisms   | NA         |
| 4.13    | Holes, clearances and accessibility of mechanisms                  | NA         |
| 4.14    | Springs  | NA         |
| 4.15    | Stability and overload requirements                                | NA         |
| 4.16    | Enclosures   | NA         |
| 4.17    | Simulated protective equipment, such as helmets, hats and goggles. | NA         |
| 4.18    | Projectile toys  | NA         |
| 4.19    | Rotors and propellers  | NA         |
| 4.20    | Aquatic toys   | NA         |
| 4.21    | Braking  | NA         |
| 4.22    | Toy bicycles   | NA         |
| 4.23    | Speed limitation of electrically driven ride-on toys               | NA         |
| 4.24    | Toys containing a heat source                                      | NA         |
| 4.25    | Liquid-filled toys   | NA         |
| 4.26    | Mouth-actuated toys  | NA         |
| 4.27    | Toy roller skates, toy inline skates and toy skateboards           | NA         |
| 4.28    | Percussion caps  | NA         |
| 4.29    | Acoustic requirements  | NA         |
| 4.30    | Toy scooters   | NA         |
| 4.31    | Magnets and magnetic components                                    | NA         |
| B       | Safety-labeling guidelines and manufacturer's markings             |            |
| B.2     | Safety-labeling guidelines   | Pass       |
| B.3     | Instructional literature   | Pass       |
| B.4     | Manufacturer's markings  | Pass       |
|         | The name, trademark or mark of the manufacturer or the distributor | Pass       |
|         | The address of the manufacturer or the distributor                 | Pass       |

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Remark(s): NA = Not Applicable  
NR = Not requested by the client

## 19. Flammability Properties - Australian/New Zealand Standard on Safety of Toys AS/NZS 8124.2:2016

| Section | Testing Items  | Assessment |
|---------|--|------------|
| 4.1     | General requirement  | Pass       |
| 4.2     | Toys to be worn on the head  | NA         |
| 4.3     | Toy disguise costumes and toys intended to be worn by a child in a play    | NA         |
| 4.4     | Toys intended to be entered by a child                                     | NA         |
| 4.5     | Soft-filled toys (animals and dolls, etc.) with a piled or textile surface | NA         |

Note: NA = Not Applicable.

## 20. Soluble elements Content- Australian/New Zealand Standard on Safety of Toys AS/NZS ISO 8124.3:2021,determined by ICP

| Compound   |               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|---------------|----------|------|------|------|------------------|---------------|
|            |               | 1        | 2    | 3    | 4    |                  |               |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25               | 2             |
| 3          | Barium (Ba)   | 14       | N.D. | N.D. | N.D. | 1000             | 5             |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75               | 5             |
| 5          | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 6          | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90               | 5             |
| 7          | Mercury (Hg)  | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 8          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 500              | 5             |
| Conclusion |               | PASS     | PASS | PASS | PASS | -                | -             |

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| Compound   |               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|---------------|----------|------|------|------|------------------|---------------|
|            |               | 5        | 6    | 7    | 8    |                  |               |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25               | 2             |
| 3          | Barium (Ba)   | 14       | N.D. | N.D. | N.D. | 1000             | 5             |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75               | 5             |
| 5          | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 6          | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90               | 5             |
| 7          | Mercury (Hg)  | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 8          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 500              | 5             |
| Conclusion |               | PASS     | PASS | PASS | PASS | -                | -             |

| Compound   |               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|---------------|----------|------|------|------|------------------|---------------|
|            |               | 9        | 10   | 11   | 12   |                  |               |
| 1          | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 2          | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25               | 2             |
| 3          | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000             | 5             |
| 4          | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75               | 5             |
| 5          | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 6          | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90               | 5             |
| 7          | Mercury (Hg)  | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 8          | Selenium (Se) | N.D.     | N.D. | N.D. | N.D. | 500              | 5             |
| Conclusion |               | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |               | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---------------|----------|------|------|------|------------------|---------------|
|          |               | 13       | 14   | 15   | 16   |                  |               |
| 1        | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60               | 5             |
| 2        | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25               | 2             |

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|   |                   |             |             |             |             |      |   |
|---|-------------------|-------------|-------------|-------------|-------------|------|---|
| 3 | Barium (Ba)       | N.D.        | N.D.        | N.D.        | N.D.        | 1000 | 5 |
| 4 | Cadmium (Cd)      | N.D.        | N.D.        | N.D.        | N.D.        | 75   | 5 |
| 5 | Chromium (Cr)     | N.D.        | N.D.        | N.D.        | N.D.        | 60   | 5 |
| 6 | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 90   | 5 |
| 7 | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | 60   | 5 |
| 8 | Selenium (Se)     | N.D.        | N.D.        | N.D.        | N.D.        | 500  | 5 |
|   | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -    | - |

| Compound |                   | Material    |             |             |             | Limit (mg/kg) | RL (mg/kg) |
|----------|-------------------|-------------|-------------|-------------|-------------|---------------|------------|
|          |                   | 17          | 18          | 19          | 20          |               |            |
| 1        | Antimony (Sb)     | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 2        | Arsenic (As)      | N.D.        | N.D.        | N.D.        | N.D.        | 25            | 2          |
| 3        | Barium (Ba)       | N.D.        | N.D.        | N.D.        | N.D.        | 1000          | 5          |
| 4        | Cadmium (Cd)      | N.D.        | N.D.        | N.D.        | N.D.        | 75            | 5          |
| 5        | Chromium (Cr)     | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 6        | Lead (Pb)         | N.D.        | N.D.        | N.D.        | N.D.        | 90            | 5          |
| 7        | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | 60            | 5          |
| 8        | Selenium (Se)     | N.D.        | N.D.        | N.D.        | N.D.        | 500           | 5          |
|          | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -             | -          |

| Compound |               | Material |      |      |      | Limit (mg/kg) | RL (mg/kg) |
|----------|---------------|----------|------|------|------|---------------|------------|
|          |               | 21       | 22   | 23   | 24   |               |            |
| 1        | Antimony (Sb) | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 2        | Arsenic (As)  | N.D.     | N.D. | N.D. | N.D. | 25            | 2          |
| 3        | Barium (Ba)   | N.D.     | N.D. | N.D. | N.D. | 1000          | 5          |
| 4        | Cadmium (Cd)  | N.D.     | N.D. | N.D. | N.D. | 75            | 5          |
| 5        | Chromium (Cr) | N.D.     | N.D. | N.D. | N.D. | 60            | 5          |
| 6        | Lead (Pb)     | N.D.     | N.D. | N.D. | N.D. | 90            | 5          |

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|---|-------------------|-------------|-------------|-------------|-------------|-----|---|
| 7 | Mercury (Hg)      | N.D.        | N.D.        | N.D.        | N.D.        | 60  | 5 |
| 8 | Selenium (Se)     | N.D.        | N.D.        | N.D.        | N.D.        | 500 | 5 |
|   | <b>Conclusion</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | -   | - |

## 21. Phthalates content- As Client' s Requirement

Refer To CPSC-CH-C1001-09.4, determined by GC-MS

| Compound |       |  | Material |      |      |      | Client's Limit (%) | RL (%) |
|----------|-------|--|----------|------|------|------|--------------------|--------|
|          |       |  | 2        | 3    | 4    | 5    |                    |        |
| 1        | DBP   | Dibutyl phthalate<br>CAS# 84-74-2  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 2        | DEHP  | Di(2-ethylhexyl) phthalate<br>CAS# 117-81-7  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 3        | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 4        | DINP  | Di-isononyl phthalate<br>CAS# 68515-48-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 5        | DNOP  | Di-n-octyl phthalate<br>CAS# 117-84-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 6        | DIDP  | Di-isodecyl phthalate<br>CAS# 26761-40-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 7        | DPP   | Dipentyl phthalate<br>CAS# 131-18-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 8        | DIBP  | Di-iso-butyl phthalate<br>CAS# 84-69-5   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 9        | Dnpp  | Phthalic acid, bis-n-pentyl ester<br>CAS# 131-18-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 10       | DIHP  | 1,2-Benzenedicarboxylic acid, di-C6-8-branchedalkyl esters, C7-rich<br>CAS# 71888-89-6     | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 11       | DHNUP | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters<br>CAS# 68515-42-4 | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 12       | DMEP  | Dimethoxyethyl phthalate<br>CAS# 117-82-8  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 13       | DIPP  | Di-isopentyl phthalate<br>CAS# 605-50-5  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 14       | PIPP  | N-pentyl-isopentylphthalate<br>O-CAS# 776297-69-9  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 15       | -     | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear<br>CAS# 84777-06-0        | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 16       | DHP   | Di-n-hexyl phthalate<br>CAS# 84-75-3   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |

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|    |      |                                      |      |      |      |      |     |       |
|----|------|--------------------------------------|------|------|------|------|-----|-------|
| 17 | DNHP | Di-n-hexyl phthalate<br>CAS# 84-75-3 | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
|----|------|--------------------------------------|------|------|------|------|-----|-------|

| Compound |       |  | Material |      |      |      | Client's<br>Limit (%) | RL (%) |
|----------|-------|--|----------|------|------|------|-----------------------|--------|
|          |       |  | 6        | 7    | 8    | 9    |                       |        |
| 1        | DBP   | Dibutyl phthalate<br>CAS# 84-74-2  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 2        | DEHP  | Di(2-ethylhexyl) phthalate<br>CAS# 117-81-7  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 3        | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 4        | DINP  | Di-isononyl phthalate<br>CAS# 68515-48-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 5        | DNOP  | Di-n-octyl phthalate<br>CAS# 117-84-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 6        | DIDP  | Di-isodecyl phthalate<br>CAS# 26761-40-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 7        | DPP   | Dipentyl phthalate<br>CAS# 131-18-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 8        | DIBP  | Di-iso-butyl phthalate<br>CAS# 84-69-5   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 9        | Dnpp  | Phthalic acid, bis-n-pentyl<br>ester<br>CAS# 131-18-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 10       | DIHP  | 1,2-Benzenedicarboxylic<br>acid, di-C6-8-<br>branched alkyl esters, C7-<br>rich<br>CAS# 71888-89-6 | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 11       | DHNUP | 1,2-Benzenedicarboxylic<br>acid, di-C7-11-branched<br>and linear alkyl esters<br>CAS# 68515-42-4   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 12       | DMEP  | Dimethoxyethyl phthalate<br>CAS# 117-82-8  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 13       | DIPP  | Di-isopentyl phthalate<br>CAS# 605-50-5  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 14       | PIPP  | P-pentyl-<br>isopentylphthalate<br>Q-CAS# 776297-69-9  | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 15       | -     | 1,2-Benzenedicarboxylic<br>acid, dipentylester,<br>branched and linear<br>CAS# 84777-06-0          | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 16       | DHP   | Di-n-hexyl phthalate<br>CAS# 84-75-3   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 17       | DNHP  | Di-n-hexyl phthalate<br>CAS# 84-75-3   | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |

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| Compound |       |   | Material |      |      |      | Client's Limit (%) | RL (%) |
|----------|-------|---|----------|------|------|------|--------------------|--------|
|          |       |   | 10       | 11   | 13   | 16   |                    |        |
| 1        | DBP   | Dibutyl phthalate<br>CAS# 84-74-2   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 2        | DEHP  | Di(2-ethylhexyl) phthalate<br>CAS# 117-81-7   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 3        | BBP   | Benzyl butyl phthalate<br>CAS# 85-68-7  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 4        | DINP  | Di-isononyl phthalate<br>CAS# 68515-48-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 5        | DNOP  | Di-n-octyl phthalate<br>CAS# 117-84-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 6        | DIDP  | Di-isodecyl phthalate<br>CAS# 26761-40-0  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 7        | DPP   | Dipentyl phthalate<br>CAS# 131-18-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 8        | DIBP  | Di-iso-butyl phthalate<br>CAS# 84-69-5  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 9        | Dnpp  | Phthalic acid, bis-n-pentyl<br>ester<br>CAS# 131-18-0   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 10       | DIHP  | 1,2-Benzenedicarboxylic<br>acid, di-C6-8-<br>branchedalkyl esters, C7-<br>rich<br>CAS# 71888-89-6 | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 11       | DHNUP | 1,2-Benzenedicarboxylic<br>acid, di-C7-11-branched<br>and linear alkyl esters<br>CAS# 68515-42-4  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 12       | DMEP  | Dimethoxyethyl phthalate<br>CAS# 117-82-8   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 13       | DIPP  | Di-isopentyl phthalate<br>CAS# 605-50-5   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 14       | PIPP  | R-pentyl-<br>isopentylphthalate<br>S-CAS# 776297-69-9   | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 15       | -     | 1,2-Benzenedicarboxylic<br>acid, dipentylester,<br>branched and linear<br>CAS# 84777-06-0         | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 16       | DHP   | Di-n-hexyl phthalate<br>CAS# 84-75-3  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 17       | DNHP  | Di-n-hexyl phthalate<br>CAS# 84-75-3  | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |

| Compound |      |   | Material |      |      |      | Client's Limit (%) | RL (%) |
|----------|------|---|----------|------|------|------|--------------------|--------|
|          |      |   | 17       | 18   | 19   | 20   |                    |        |
| 1        | DBP  | Dibutyl phthalate<br>CAS# 84-74-2           | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |
| 2        | DEHP | Di(2-ethylhexyl) phthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | 0.1                | 0.005  |

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|    |      |  |      |      |      |      |     |       |
|----|------|--|------|------|------|------|-----|-------|
| 3  | BBP  | Benzyl butyl phthalate<br>CAS# 85-68-7   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 4  | DINP | Di-isononyl phthalate<br>CAS# 68515-48-0   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 5  | DNOP | Di-n-octyl phthalate<br>CAS# 117-84-0  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 6  | DIDP | Di-isodecyl phthalate<br>CAS# 26761-40-0   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 7  | DPP  | Dipentyl phthalate<br>CAS# 131-18-0  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 8  | DIBP | Di-iso-butyl phthalate<br>CAS# 84-69-5   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 9  | Dnpp | Phthalic acid, bis-n-pentyl<br>ester<br>CAS# 131-18-0  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 10 | DIHP | 1,2-Benzenedicarboxylic<br>acid, di-C6-8-<br>branched alkyl esters, C7-<br>rich<br>CAS# 71888-89-6 | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 11 | DHNU | 1,2-Benzenedicarboxylic<br>acid, di-C7-11-branched<br>and linear alkyl esters<br>CAS# 68515-42-4   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 12 | DMEP | Dimethoxyethyl phthalate<br>CAS# 117-82-8  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 13 | DIPP | Di-isopentyl phthalate<br>CAS# 605-50-5  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 14 | PIPP | T-pentyl-<br>isopentylphthalate<br>U-CAS# 776297-69-9  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 15 | -    | 1,2-Benzenedicarboxylic<br>acid, dipentylester,<br>branched and linear<br>CAS# 84777-06-0          | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 16 | DHP  | Di-n-hexyl phthalate<br>CAS# 84-75-3   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 17 | DNHP | Di-n-hexyl phthalate<br>CAS# 84-75-3   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |

| Compound |      |   | Material |      |      |      | Client's<br>Limit (%) | RL (%) |
|----------|------|---|----------|------|------|------|-----------------------|--------|
|          |      |   | 21       | 22   | 23   | 24   |                       |        |
| 1        | DBP  | Dibutyl phthalate<br>CAS# 84-74-2           | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 2        | DEHP | Di(2-ethylhexyl) phthalate<br>CAS# 117-81-7 | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 3        | BBP  | Benzyl butyl phthalate<br>CAS# 85-68-7      | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 4        | DINP | Di-isononyl phthalate<br>CAS# 68515-48-0    | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 5        | DNOP | Di-n-octyl phthalate<br>CAS# 117-84-0       | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |
| 6        | DIDP | Di-isodecyl phthalate<br>CAS# 26761-40-0    | N.D.     | N.D. | N.D. | N.D. | 0.1                   | 0.005  |

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|    |      |   |      |      |      |      |     |       |
|----|------|---|------|------|------|------|-----|-------|
| 7  | DPP  | Dipentyl phthalate<br>CAS# 131-18-0   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 8  | DIBP | Di-iso-butyl phthalate<br>CAS# 84-69-5  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 9  | Dnpp | Phthalic acid, bis-n-pentyl<br>ester<br>CAS# 131-18-0   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 10 | DIHP | 1,2-Benzenedicarboxylic<br>acid, di-C6-8-<br>branchedalkyl esters, C7-<br>rich<br>CAS# 71888-89-6 | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 11 | DHNP | 1,2-Benzenedicarboxylic<br>acid, di-C7-11-branched<br>and linear alkyl esters<br>CAS# 68515-42-4  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 12 | DMEP | Dimethoxyethyl phthalate<br>CAS# 117-82-8   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 13 | DIPP | Di-isopentyl phthalate<br>CAS# 605-50-5   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 14 | PIPP | V-pentyl-<br>isopentylphthalate<br>W-CAS# 776297-69-9   | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 15 | -    | 1,2-Benzenedicarboxylic<br>acid, dipentylester,<br>branched and linear<br>CAS# 84777-06-0         | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 16 | DHP  | Di-n-hexyl phthalate<br>CAS# 84-75-3  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |
| 17 | DNHP | Di-n-hexyl phthalate<br>CAS# 84-75-3  | N.D. | N.D. | N.D. | N.D. | 0.1 | 0.005 |

Remark(s): (a) RL: Report limit  
(b) N.D.: Not detected (result is less than RL)  
(c) This item is not included in CNAS accreditation scope

## 22. Lead Content (Pb) - 16 CFR 1303 CPSC-CH-E1003-09.1(Surface Coating), determined by AAS

| Compound |            | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|------------|----------|------|------|------|------------------|---------------|
|          |            | 3        | 4    | 5    | 6    |                  |               |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 90               | 10            |
|          | Conclusion | PASS     | PASS | PASS | PASS | -                | -             |

| Compound |            | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|------------|----------|------|------|------|------------------|---------------|
|          |            | 7        | 8    | 9    | 17   |                  |               |
| 1        | Lead (Pb)  | N.D.     | N.D. | N.D. | N.D. | 90               | 10            |
|          | Conclusion | PASS     | PASS | PASS | PASS | -                | -             |

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| Compound   |           | Material |      |      |      | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|------------|-----------|----------|------|------|------|------------------|---------------|
|            |           | 18       | 19   | 20   | 24   |                  |               |
| 1          | Lead (Pb) | N.D.     | N.D. | N.D. | N.D. | 90               | 10            |
| Conclusion |           | PASS     | PASS | PASS | PASS | -                | -             |

Remark(s): (a) mg/kg: milligram per kilogram  
(b) RL: Report limit  
(c) N.D.: Not detected (result is less than RL)

**23. Azo colourants content - Item 43 of Annex XVII of REACH Regulation (EC) No 1907/2006 & amendment EC No 552/2009 and (EU) No 126/2013**  
ISO 14362-1:2017 & ISO 14362-3:2017, determined by GC/MS and HPLC

| Compound |   | Material | Limit<br>(mg/kg) | RL<br>(mg/kg) |
|----------|---|----------|------------------|---------------|
|          |   | 12       |                  |               |
| 1        | Biphenyl-4-ylamine/4-aminobiphenyl/<br>Xenylamine CAS#92-67-1                                       | N.D.     | 30               | 5             |
| 2        | Benzidine<br>CAS#92-87-5  | N.D.     | 30               | 5             |
| 3        | 4-chloro-o-toluidine<br>CAS#95-69-2   | N.D.     | 30               | 5             |
| 4        | 2-Naphthylamine<br>CAS#91-59-8  | N.D.     | 30               | 5             |
| 5        | o-aminoazotoluene/4-o-tolylazo-o-<br>toluidine /4-amino-2',3-<br>dimethylazobenzene*<br>CAS#97-56-3 | N.D.     | 30               | 5             |
| 6        | 5-nitro-o-toluidine/2-amino-4-<br>nitrotoluol*<br>CAS#99-55-8                                       | N.D.     | 30               | 5             |
| 7        | 4-chloroaniline<br>CAS#106-47-8   | N.D.     | 30               | 5             |
| 8        | 4-methoxy-m-phenylenediamine/<br>2,4-diaminoanisole<br>CAS#615-05-4                                 | N.D.     | 30               | 5             |
| 9        | 4,4'-methylenedianiline/<br>4,4'-diaminodiphenylmethane<br>CAS#101-77-9                             | N.D.     | 30               | 5             |
| 10       | 3,3'-dichlorobenzidine/<br>3,3'-dichlorobiphenyl-4,4'-<br>ylenediamine<br>CAS#91-94-1               | N.D.     | 30               | 5             |
| 11       | 3,3'-dimethoxybenzidine/o-dianisidine<br>CAS#119-90-4   | N.D.     | 30               | 5             |
| 12       | 3,3'-dimethylbenzidine/4,4'-bi-o-<br>toluidine<br>CAS#119-93-7                                      | N.D.     | 30               | 5             |
| 13       | 4,4'-methylenedi-o-toluidine<br>CAS#838-88-0  | N.D.     | 30               | 5             |

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|                   |  |             |    |   |
|-------------------|--|-------------|----|---|
| 14                | 6-methoxy-m-toluidine/p-cresidine<br>CAS#120-71-8  | N.D.        | 30 | 5 |
| 15                | 4,4'-methylene-bis-(2-chloro-aniline)/<br>2,2'-dichloro-4,4'-methylene-dianiline<br>CAS#101-14-4 | N.D.        | 30 | 5 |
| 16                | 4,4'-oxydianiline<br>CAS#101-80-4  | N.D.        | 30 | 5 |
| 17                | 4,4'-thiodianiline<br>CAS#139-65-1   | N.D.        | 30 | 5 |
| 18                | o-toluidine/2-aminotoluen<br>CAS#95-53-4   | N.D.        | 30 | 5 |
| 19                | 2,4-diaminotoluene/2,4-<br>toluylendiamine/<br>methyl-m-phenylenediamine<br>CAS#95-80-7          | N.D.        | 30 | 5 |
| 20                | 2,4,5-trimethylaniline<br>CAS#137-17-7   | N.D.        | 30 | 5 |
| 21                | o-anisidine/2-methoxyaniline<br>CAS#90-04-0  | N.D.        | 30 | 5 |
| 22                | 4-aminoazobenzene**<br>CAS#60-09-3   | N.D.        | 30 | 5 |
| <b>Conclusion</b> |  | <b>PASS</b> | -  | - |

Remark(s): (a) mg/kg: milligram per kilogram

(b) N.D.: Not detected (result is less than RL)

(c) RL: Report limit

\*: The amines o-aminoazotoluene (No 5, CAS No.97-56-3) and 2-amino-4-nitrotoluene (No 6, CAS No.99-55-8) are further reduced to o-toluidine (No 18, CAS No. 95-53-4) and 2, 4-diaminotoluene (No 19, CAS No. 95-80-7).

\*\*: Azo colorants that are able to form 4-aminoazobenzene (No 22, CAS No. 60-09-3) generate, under the condition of this method, aniline (CAS No. 62-53-3) and 1, 4-phenylenediamine (CAS No. 106-50-3). Due to detection limits, only aniline may be detected. If aniline is detected above 5mg/kg, then the presence of these colorants should be tested by ISO 14362-3:2017.

## Material List:

| Material # | Position / Sample Description           |
|------------|---|
| 1          | Brown wood, blocks <sup>a</sup>         |
| 2          | Brown plywood <sup>b</sup>              |
| 3          | Transparent coating, cover <sup>c</sup> |
| 4          | White coating, blocks <sup>d</sup>      |
| 5          | Dark blue coating, blocks <sup>e</sup>  |
| 6          | Red coating, blocks <sup>f</sup>        |
| 7          | Orange coating, blocks <sup>g</sup>     |

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|    |  |
|----|--|
| 8  | Light yellow coating, blocks <sup>*h</sup>     |
| 9  | Light green coating, blocks <sup>*i</sup>      |
| 10 | Dark green plastic,holder <sup>*j</sup>        |
| 11 | Brown plastic,holder <sup>*k</sup>             |
| 12 | Brown textile,string                           |
| 13 | Transparent plastic,book <sup>*l</sup>         |
| 14 | Laminated multi-color printed white paper,book |
| 15 | Brown wood, blocks <sup>*m</sup>               |
| 16 | Brown plywood <sup>*n</sup>                    |
| 17 | Transparent coating, cover <sup>*o</sup>       |
| 18 | Black coating,blocks <sup>*p</sup>             |
| 19 | Red coating, blocks <sup>*q</sup>              |
| 20 | White coating, blocks <sup>*r</sup>            |
| 21 | Red plastic,dice <sup>*s</sup>                 |
| 22 | Transparent plastic,book <sup>*t</sup>         |
| 23 | White plastic,book <sup>*u</sup>               |
| 24 | Multi-color coating,book                       |

备注: ark: (a)\*a=the test date was copies fromSTSGZ2106032006-1.  
(b)\*b=the test date was copies from STSGZ2106032006-2.  
(c)\*c=the test date was copies from STSGZ2106032006-3.  
(d)\*d=the test date was copies from STSGZ2106032006-14.  
(e)\*e=the test date was copies from STSGZ2106032006-5.  
(f)\*f=the test date was copies from STSGZ2106032006-4.  
(g)\*g=the test date was copies from STSGZ2106032006-29.  
(h)\*h=the test date was copies from STSGZ2106032006-28.  
(i)\*i=the test date was copies from STSGZ2106032006-28.  
(j)\*j=the test date was copies from STSGZ2106032006-6.  
(k)\*k=the test date was copies from STSGZ2106032006-40.  
(l)\*l=the test date was copies fromSTSGZ2106032006-81.  
(m)\*m=the test date was copies fromSTSGZ2106032006-1.  
(n)\*n=the test date was copies fromSTSGZ2106032006-2.  
(o)\*o=the test date was copies fromSTSGZ2106032006-3.  
(p)\*p=the test date was copies fromSTSGZ2106032006-31.  
(q)\*q=the test date was copies fromSTSGZ2106032006-4.  
(r)\*r=the test date was copies fromSTSGZ2106032006-14.  
(s)\*s=the test date was copies fromSTSGZ2106032006-22.  
(t)\*t=the test date was copies fromSTSGZ2106032006-81.  
(u)\*u=the test date was copies fromSTSGZ2106032006-36.

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## Photo(s):



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|  |          |  |
|--|----------|--|
| <p> <b>WARNING:</b><br/>CHOKING HAZARD - Small Parts and Small Ball.<br/>Not for children under 3 years.</p> <p> <b>警告:</b><br/>玩具包含小物件和小球,可能产生窒息危险,<br/>不适合3岁以下儿童使用</p> <p> Remove all packaging before giving the toy to<br/>your child. <b>Warning!</b> Choking hazard due to<br/>small parts.</p> <p>拆除包装时立即将所有塑胶包装材料<br/>丢弃,避免幼儿不当使用而引起窒息</p> <p>  </p> <p>Made in China<br/>中国制造</p> <p>广东省东莞市金溪镇上截黄金工业区/东莞天志木制品有限公司<br/>Manufactured by Carpenters My Limited<br/>Huang Jin J Industrial Zone, Qi Shi Town<br/>Dong Guan City, China. CMCADA EDUCATIONCL EQUIPMENT LTD<br/>2nd Floor 4 The Limes Ingelstone Essex<br/>CM4 0BE VAT Reg 204 6936 13</p> | <p>/</p> |  |
| <p> <b>WARNING:</b><br/>CHOKING HAZARD - Small Parts and Small Ball.<br/>Not for children under 3 years.</p> <p> <b>警告:</b><br/>玩具包含小物件和小球,可能产生窒息危险,<br/>不适合3岁以下儿童使用</p> <p> Remove all packaging before giving the toy to<br/>your child. <b>Warning!</b> Choking hazard due to<br/>small parts.</p> <p>拆除包装时立即将所有塑胶包装材料<br/>丢弃,避免幼儿不当使用而引起窒息</p> <p>  </p> <p>Made in China<br/>中国制造</p>   |          |  |

Product Photo

<<< <<< END OF REPORT >>> >>>

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