

Date: JAN. 21, 2020

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CHUZHOU BETTYMA BABY CARRIER CO., LTD. SHITAN MODERN INDUSTRIAL PARK, QUANJIAO, CHUZHOU, ANHUI, CHINA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHHL1912504691TY, DATE: JAN. 06, 2020, ORIGINAL REPORT SHALL BE INVALID.

| | | BATTERY-POWERED RIDE-ON CHILDREN'S |
|---|---|------------------------------------|
| Sample Description | : | CARS/RIDE ON VEHICLE |
| Sample Quantity | : | 6 PCS |
| Style / Item No. | : | BDM-0923 |
| Labeled Age Grading | : | 37-96 MONTHS |
| Requested Age Grading | : | 37-96 MONTHS |
| Age Group Assessed as Per Age Guideline | : | 37-96 MONTHS |
| Age Group Applied in Testing | : | 37-96 MONTHS |
| Sample Receiving Date | : | DEC. 13, 2019 |
| Further Information Date | : | JAN. 21, 2020 |
| Testing Period | : | DEC. 13, 2019 TO JAN. 21, 2020 |
| | | |

Test Requested Result EN 71-1: 2014+A1: 2018 - Safety of toys - Part 1: Mechanical and Physical Properties Pass Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer See Result mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys EN 71-2: 2011+A1: 2014 - Safety of toys - Part 2: Flammability Pass EN71-3: 2019 as harmonized standard under Directive 2009/48/EC and its Pass amendment (EU) 2019/1728 - Migration of certain elements (Category III:for scrapped-off toy material) Pass

Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)-Phthalates content

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





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Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Wallace Lui Senior Technical Manager, Asia



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Result:

EN 71-1: 2014+A1:2018 - SAFETY OF TOYS - PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1: 2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

| <u>Clause</u> | Descripti | ion | <u>Result</u> |
|---------------|------------|---|---------------|
| 4 | General | requirements | |
| 4.1 | Material | cleanliness | Pass |
| 4.2 | Assembl | у | Pass |
| 4.3 | Flexible | plastics sheeting | <u>N/A</u> |
| 4.4 | Toy bage | 3 | <u>N/A</u> |
| 4.5 | Glass | | <u>N/A</u> |
| 4.6 | Expandir | ng materials | <u>N/A</u> |
| 4.7 | Edges | | Pass |
| 4.8 | Points ar | nd metallic wires | Pass |
| 4.9 | Protrudir | ng parts | <u>N/A</u> |
| 4.10 | Parts mo | oving against each other: | |
| | 4.10.1 | Folding and sliding mechanisms | <u>N/A</u> |
| | 4.10.2 | Driving mechanisms | <u>Pass</u> |
| | 4.10.3 | Hinges | Pass |
| | 4.10.4 | Springs | <u>N/A</u> |
| 4.11 | Mouth-a | ctuated toys and other toys intended to be put in the mouth | <u>N/A</u> |
| 4.12 | Balloons | | <u>N/A</u> |
| 4.13 | Cords of | toy kites and other flying toys | <u>N/A</u> |
| 4.14 | Enclosur | res: | |
| | 4.14.1 | Toys which a child can enter | <u>N/A</u> |
| | 4.14.2 | Masks and helmets | <u>N/A</u> |
| 4.15 | Toys inte | ended to bear the mass of a child: | |
| | 4.15.1 | Toys propelled by the child or by other means | <u>Pass</u> |
| | 4.15.2 | Toy bicycles | <u>N/A</u> |
| | 4.15.3 | Rocking horses and similar toys | <u>N/A</u> |
| | 4.15.4 | Toys not propelled by a child | <u>N/A</u> |
| | 4.15.5 | Toys scooters | <u>N/A</u> |
| 4.16 | Heavy in | nmobile toys | <u>N/A</u> |
| 4.17 | Projectile | es | <u>N/A</u> |
| 4.18 | Aquatic t | toys and inflatable toys | <u>N/A</u> |





| Test | Report | No.: SHHL1912504691TY-01 Date: JAN. 21, 2020 | Page 4 of 23 |
|------|----------------------|--|--------------|
| 4.19 | Percussi percussi | on caps specifically designed for use in toys and toys using on caps | <u>N/A</u> |
| 4.20 | Acoustic | S | <u>Pass</u> |
| 4.21 | Toys cor | ntaining a non-electrical heat source | <u>N/A</u> |
| 4.22 | Small ba | lls | <u>N/A</u> |
| 4.23 | Magnets | | <u>N/A</u> |
| 4.24 | Yoyo bal | ls | <u>N/A</u> |
| 4.25 | Toys atta | ached to food | <u>N/A</u> |
| 4.26 | Toy disg | uise costumes | <u>N/A</u> |
| 4.27 | Flying to | ys | <u>N/A</u> |
| 5 | Toys inte | ended for children under 36 months | |
| 5.1 | General | requirements: | |
| | 5.1a | Small part requirement on toys & removable components (Test method 8.2) | <u>N/A</u> |
| | 5.1b | Torque test (Test method 8.3) | <u>N/A</u> |
| | | Tension test (Test method 8.4) | N/A |
| | | Drop test (Test method 8.5) | N/A |
| | | Tip over test (Test method 8.6) | <u>N/A</u> |
| | | Impact test (Test method 8.7) | <u>N/A</u> |
| | | Compression test (Test method 8.8) | <u>N/A</u> |
| | | Sharp edge (Test method 8.11) | <u>N/A</u> |
| | | Sharp point (Test method 8.12) | <u>N/A</u> |
| | | Tension test for magnets (Test method 8.34) | <u>N/A</u> |
| | 5.1c | Potential hazardous metal points and wires with a cross section of 2mm or less | <u>N/A</u> |
| | 5.1d | Large and bulky toys | <u>N/A</u> |
| | 5.1e | Glued wooden toys and toys with glued on plastic decals | <u>N/A</u> |
| | 5.1f | The casing of toys intended for children too young to sit up unaided | <u>N/A</u> |
| | 5.1g | Foam toys and toys containing accessible foam components | <u>N/A</u> |
| 5.2 | Soft-filled | d toys and soft-filled parts of a toy | <u>N/A</u> |
| 5.3 | Plastic sl | heeting | <u>N/A</u> |
| 5.4 | Cords, cl | hains and electrical cable in toys | <u>N/A</u> |
| 5.5 | Liquid fill | ed toys | <u>N/A</u> |
| 5.6 | Speed lir | mitation of electrically driven toys | <u>N/A</u> |
| 5.7 | Glass an | d porcelain | <u>N/A</u> |
| 5.8 | Shape a | nd size of certain toys | <u>N/A</u> |
| 5.9 | Toys cor | nprising monofilament fibres | <u>N/A</u> |
| 5.10 | Small ba | lls | <u>N/A</u> |
| 5.11 | Play figu | res | <u>N/A</u> |





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|------|---------------------|---|-----------------------------------|----------------------------------|
| 5.12 | Hemisph | eric shaped toys | | N/A |
| 5.13 | Suction of | | | N/A |
| 5.14 | Straps in | tended to be used fully or partially ar | ound the neck | N/A |
| 5.15 | | with cords for pulling | | N/A |
| 6 | Packagir | ng | | Pass |
| 7 | Warning | s, markings and instructions for use | | |
| 7.1 | General | Requirements | | <u>Pass</u> |
| | CEN has addressi | ease note that for assessing the visib introduced good practice in the info ng the following aspects: | | |
| | <i>,</i> . | hasising the warning | | |
| | , | rast, background and colours | | |
| | , | ecting surfaces and obscuring materi | al | |
| | d) Font | | | |
| | e) Font | | | |
| | , - | cal direction of text | | |
| | | e details, see EN 71-1. | | _ |
| 7.2 | (Remark | intended for children under 36 mont : The toy contains small part. It is act is found on packaging.) | | <u>Pass</u> <u>See Remark</u> |
| 7.3 | Latex Ba | lloon | | <u>N/A</u> |
| 7.4 | Aquatic t | oys | | <u>N/A</u> |
| 7.5 | Function | al Toys | | <u>N/A</u> |
| 7.6 | Hazardo | us sharp functional edges and points | i | <u>N/A</u> |
| 7.7 | Projectile | 9S | | <u>N/A</u> |
| 7.8 | Imitation | protective masks and helmets | | <u>N/A</u> |
| 7.9 | Toy kites | | | <u>N/A</u> |
| 7.10 | toys | ates, inline skates and toy skateboar | | Pass |
| 7.11 | • | ended to be attaché to or strung acro | ss a cradle, cot, or perambulator | <u>N/A</u> |
| 7.12 | • | ed teethers | | <u>N/A</u> |
| 7.13 | | on caps specifically designed for use | e in toys | <u>N/A</u> |
| 7.14 | Acoustic | | | <u>N/A</u> |
| 7.15 | Toys bic | - | | <u>N/A</u> |
| 7.16 | | ended to bear the mass of a child | | <u>N/A</u> |
| 7.17 | | nprising monofilament fibres | | <u>N/A</u> |
| 7.18 | Toy scoo | | | <u>N/A</u> |
| 7.19 | - | horses and similar toys | | <u>N/A</u> |
| 7.20 | - | c/electrical experimental sets | | <u>N/A</u> |
| 7.21 | Toys witl | n electrical cables exceeding 300 mn | n in length | <u>N/A</u> |





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|--------|---|---------------------|--------------|
| 7.22 | Toys with cords or chains intended for children of 18 under 36 months | nonths and over but | <u>N/A</u> |
| 7.23 | Toys intended to be attached to a cradle, cot or peran | nbulator | N/A |
| 7.24 | Sledges with cords for pulling | | N/A |
| 7.25 | Flying toys | | N/A |
| 7.26 | Improvised projectiles | | N/A |
| | | | |

Only English warnings were checked for the clause 7. According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

N/A = Not Applicable

LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

| | Observation Result | Location |
|-------------------------------|----------------------|---------------|
| Washing/Cleaning instruction | Not applicable | / |
| CE Mark | Present | Toy/Packaging |
| Importer's Name & Address | Absent. (See note 3) | / |
| Manufacturer's Name & Address | Present | Toy/Packaging |
| Product ID | Present | Toy/Packaging |

Note:

- According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soak washable.
- 2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
- 3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- 4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

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|---|---|---|--|--|--|
|---|---|---|--|--|--|



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EN 71-2: 2011+A1: 2014 - SAFETY OF TOYS - PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

| <u>Clause</u> 4.1 | Description General requirements | <u>Result</u> Pass |
|----------------------|---|-----------------------|
| 4.2.2 | Beards, moustaches, wigs etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands or other flowing elements), which protrude 50mm or more from the surface of the toy | <u>N/A</u> |
| 4.2.3 | Beards, moustaches, wigs etc. made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper, cloth strands or other flowing elements), which protrude less than 50mm from the surface of the toy | <u>N/A</u> |
| 4.2.4 | Full or partial moulded head masks | N/A |
| 4.2.5 | Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and cardboard masks, eye masks, face masks), but excluding those items covered by 4.3 | <u>N/A</u> |
| 4.3 | Toy disguise costumes and toys intended to be worn by a child in play | N/A |
| 4.4 | Toys intended to be entered by a child | N/A |
| 4.5 | Soft-filled toys | N/A |

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|--------------|------------------|--|
| SN1 | SHA19-291208.001 | Black belt |
| SN2 | SHA19-291208.002 | White coating(On switch) |
| SN3 | SHA19-291208.003 | Colorful coating(On metal logo) |
| SN4 | SHA19-291208.004 | Black coaing(On metal frame) |
| SN5 | SHA19-291208.005 | Colorful paper sticker(On body) |
| SN6 | SHA19-291208.006 | Colorful paper sticker(Instrument panel) |
| SN7 | SHA19-291208.007 | Silvery soft plastic sticker(On body) |
| SN8 | SHA19-291208.008 | Transparent soft plastic w/black/white(Display screen) |
| SN9 | SHA19-291208.009 | Silvery soft plastic mirror |
| SN10 | SHA19-291208.010 | White plastic telecontroller |
| SN11 | SHA19-291208.011 | Black plastic switch(On telecontroller) |
| SN12 | SHA19-291208.012 | Transparent dark grey plastic guard |
| SN13 | SHA19-291208.013 | White plastic body |
| SN14 | SHA19-291208.014 | Black plastic pilothouse |
| SN15 | SHA19-291208.015 | Red plastic switch |
| | | |

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|--|---|--|
|--|---|--|



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|----------|------|--------------|--|--|--------------------------|
| SN16 | SHA1 | 9-291208.016 | Transparent red pla | stic switch | |
| SN17 | SHA1 | 9-291208.017 | Black plastic seat | | |
| SN18 | SHA1 | 9-291208.018 | Transparent plastic | light | |
| SN19 | SHA1 | 9-291208.019 | Black plastic switch | | |
| SN20 | SHA1 | 9-291208.020 | Dark grey plastic pre | ess-button(On display screen) |) |
| SN21 | SHA1 | 9-291208.021 | Black plastic wheel | | |
| SN22 | SHA1 | 9-291208.022 | Dull-black plastic tire | e | |
| SN23 | SHA1 | 9-291208.023 | Red plastic(On whe | el) | |
| SN24 | SHA1 | 9-291208.024 | Silvery-grey plastic(| On wheel) | |
| SN25 | SHA1 | 9-291208.025 | Black plastic lampsh | nade | |
| SN26 | SHA1 | 9-291208.026 | Black plastic buckle | (On black belt) | |
| SN27 | SHA1 | 9-291208.028 | Yellow plastic body | | |
| SN28 | SHA1 | 9-291208.029 | Black plastic body | | |
| SN29 | SHA1 | 9-291208.030 | Blue plastic body | | |
| SN30 | SHA1 | 9-291208.031 | Pink plastic body | | |
| SN31 | SHA1 | 9-291208.032 | Green plastic body | | |
| SN32 | | 9-291208.033 | Red plastic body | | |
| SN33 | | 9-291208.034 | Orange plastic body | | |
| SN34 | | 9-291208.035 | | Black plastic body+Blue plas | tic body |
| SN35 | | 9-291208.036 | Pink plastic body+G | | |
| SN36 | | 9-291208.037 | Red plastic body+O | • · · | |
| SN37 | | 9-291208.038 | - | e black plastic switch | |
| SN38 | | 9-291208.039 | | ntroller + Black plastic switch(| |
| SN39 | SHA1 | 9-291208.040 | Transparent dark gr pilothouse | ey plastic guard + White plast | tic body + Black plastic |
| SN40 | SHA1 | 9-291208.041 | Red plastic switch + | Transparent red plastic switc | h + Black plastic seat |
| SN41 | SHA1 | 9-291208.042 | Transparent plastic press-button(On dis | light + Black plastic switch + I play screen) | Dark grey plastic |
| SN42 | SHA1 | 9-291208.043 | Black plastic wheel | + Dull-black plastic tire + Red | plastic(On wheel) |
| SN43 | SHA1 | 9-291208.044 | Silvery-grey plastic(buckle(On black bel | On wheel) + Black plastic lam t) | pshade + Black plastic |

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

| Testing Center Harms. Ser Christian Ser Christian Ser Christian Ser Christian Center Harms. Ser Christian Center |
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EN71-3: 2019 as harmonized standard under Directive 2009/48/EC and its amendment (EU) 2019/1728 – Migration of certain elements (Category III:for scrapped-off toy material)

Test Method : With reference to EN 71-3:2019, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | MDL | <u>001</u> | <u>002</u> | <u>003</u> |
|---------------------------------|--------------|-------------|-------|------------------|------------|------------------|
| Soluble Chromium (VI) (Cr VI) | 0.053 | mg/kg | 0.025 | ND | - | - |
| Soluble Lead (Pb) | 23 | mg/kg | 5 | ND | | |
| Soluble Antimony (Sb) | 560 | mg/kg | 10 | ND | | |
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | | |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | ND | | |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | | |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | - | - |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | | |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | | |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | | |
| Soluble Cobalt (Co) | 130 | mg/kg | 10 | ND | | |
| Soluble Manganese (Mn) | 15000 | mg/kg | 50 | ND | | |
| Soluble Strontium (Sr) | 56000 | mg/kg | 50 | ND | | |
| Soluble Zinc (Zn) | 46000 | mg/kg | 50 | ND | | |
| Soluble Copper (Cu) | 7700 | mg/kg | 50 | ND | | |
| Soluble Aluminum (Al) | 70000 | mg/kg | 50 | ND | | |
| Soluble Nickel (Ni) | 930 | mg/kg | 10 | ND | | |
| Soluble Tin (Sn) | 180000 | mg/kg | 3 | ND | | |
| Soluble Organic Tin* | 12 | mg/kg | - | ND | | |
| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | MDL | <u>004</u> | <u>005</u> | <u>006</u> |
| Soluble Chromium (VI) (Cr VI) | 0.053 | mg/kg | 0.025 | <u>001</u> ND | ND | <u>000</u> ND |
| Soluble Lead (Pb) | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | 81 | ND | ND |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | ND | ND |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND |
| | | | | | | |





| Test Report | No.: SHHL191250469 | 1TY-01 | Date | : JAN. 21 | , 2020 | | Page 10 of 23 |
|---------------------------|--------------------|--------------|-------------|------------|------------|------------|---------------|
| Test Item(s) | | <u>Limit</u> | <u>Unit</u> | MDL | <u>004</u> | <u>005</u> | <u>006</u> |
| Soluble Cobalt (Co) | | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) |) | 15000 | mg/kg | 50 | 52 | ND | ND |
| Soluble Strontium (Sr) | | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | | 46000 | mg/kg | 50 | ND | ND | ND |
| Soluble Copper (Cu) | | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | | 70000 | mg/kg | 50 | ND | 112 | ND |
| Soluble Nickel (Ni) | | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | | 12 | mg/kg | - | ND | ND | ND |
| Test Item(s) | | <u>Limit</u> | <u>Unit</u> | MDL | <u>007</u> | <u>008</u> | <u>009</u> |
| Soluble Chromium (VI) (| Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | - / | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | | 18750 | mg/kg | 50 | ND | ND | ND |
| Soluble Cadmium (Cd) | | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (C | Cr III) | 460 | mg/kg | 5 | ND | ND | ND |
| Soluble Mercury (Hg) | | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Cobalt (Co) | | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) |) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Strontium (Sr) | | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | | 46000 | mg/kg | 50 | ND | ND | ND |
| Soluble Copper (Cu) | | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | | 70000 | mg/kg | 50 | ND | ND | ND |
| Soluble Nickel (Ni) | | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | | 12 | mg/kg | - | ND | ND | ND |
| <u>Test Item(s)</u> | | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>010</u> | <u>011</u> | <u>012</u> |
| Soluble Chromium (VI) (| Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | , | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | | 560 | mg/kg | 10 | ND | ND | ND |





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| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | MDL | <u>010</u> | <u>011</u> | <u>012</u> | |
|---------------------------------|--------------|-------------|------------|------------|------------|------------|--|
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | ND | ND | |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | ND | ND | ND | |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | ND | ND | |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | ND | ND | |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND | |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND | |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND | |
| Soluble Cobalt (Co) | 130 | mg/kg | 10 | ND | ND | ND | |
| Soluble Manganese (Mn) | 15000 | mg/kg | 50 | ND | ND | ND | |
| Soluble Strontium (Sr) | 56000 | mg/kg | 50 | ND | ND | ND | |
| Soluble Zinc (Zn) | 46000 | mg/kg | 50 | ND | ND | ND | |
| Soluble Copper (Cu) | 7700 | mg/kg | 50 | ND | ND | ND | |
| Soluble Aluminum (Al) | 70000 | mg/kg | 50 | ND | ND | ND | |
| Soluble Nickel (Ni) | 930 | mg/kg | 10 | ND | ND | ND | |
| Soluble Tin (Sn) | 180000 | mg/kg | 3 | ND | ND | ND | |
| Soluble Organic Tin* | 12 | mg/kg | - | ND | ND | ND | |
| | | | | | | | |
| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>013</u> | <u>014</u> | <u>015</u> | |
| Soluble Chromium (VI) (Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND | |
| Soluble Lead (Pb) | 23 | mg/kg | 5 | ND | ND | ND | |
| Soluble Antimony (Sb) | 560 | mg/kg | 10 | ND | ND | ND | |
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | ND | ND | |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | ND | ND | ND | |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | ND | ND | |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | ND | ND | |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND | |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND | |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND | |
| | | | | | | | |



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Test Report No.: SHHL1912504691TY-01 Date: JAN. 21, 2020 Test Item(s) Limit Unit Soluble Cobalt (Co) 130 mg/kg Soluble Manganese (Mn) 15000 mg/kg

50 ND ND ND Soluble Strontium (Sr) ND ND ND 56000 mg/kg 50 ND ND Soluble Zinc (Zn) 46000 mg/kg 50 ND Soluble Copper (Cu) 7700 mg/kg 50 ND ND ND Soluble Aluminum (Al) 70000 mg/kg 50 ND ND ND ND Soluble Nickel (Ni) 930 mg/kg 10 ND ND 180000 ND ND ND Soluble Tin (Sn) mg/kg 3 Soluble Organic Tin* 12 mg/kg ND ND ND -Test Item(s) Limit Unit MDL 016 017 018 Soluble Chromium (VI) (Cr VI) 0.053 mg/kg 0.025 ND ND ND Soluble Lead (Pb) 23 mg/kg ND ND ND 5 Soluble Antimony (Sb) 560 mg/kg 10 ND ND ND Soluble Arsenic (As) 47 mg/kg 10 ND ND ND Soluble Barium (Ba) 18750 mg/kg 50 ND ND ND Soluble Cadmium (Cd) 17 5 ND ND ND mg/kg Soluble Chromium (III) (Cr III) 460 5 ND ND ND mg/kg Soluble Mercury (Hg) 94 mg/kg 10 ND ND ND Soluble Selenium (Se) 460 mg/kg 10 ND ND ND Soluble Boron (B) 15000 mg/kg 50 ND ND ND Soluble Cobalt (Co) ND ND 130 mg/kg 10 ND Soluble Manganese (Mn) 15000 50 ND ND ND mg/kg Soluble Strontium (Sr) 56000 mg/kg 50 ND ND ND 46000 ND ND ND Soluble Zinc (Zn) mg/kg 50 ND Soluble Copper (Cu) 7700 mg/kg 50 ND ND ND Soluble Aluminum (Al) 70000 mg/kg 50 ND ND Soluble Nickel (Ni) 930 mg/kg 10 ND ND ND

180000

12

mg/kg

mg/kg

3

_

ND

ND



Soluble Tin (Sn)

Soluble Organic Tin*

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MDL

10

013

ND

014

ND

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ND

ND

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ND

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015

ND



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| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | MDL | <u>019</u> | <u>020</u> | <u>021</u> |
|---------------------------------|--------------|-------------|-------|------------|------------|------------|
| Soluble Chromium (VI) (Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | ND | ND | ND |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | ND | ND |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Cobalt (Co) | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Strontium (Sr) | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | 46000 | mg/kg | 50 | ND | ND | ND |
| Soluble Copper (Cu) | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | 70000 | mg/kg | 50 | ND | ND | ND |
| Soluble Nickel (Ni) | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | 12 | mg/kg | - | ND | ND | ND |
| | | | | | | |
| <u>Test Item(s)</u> | <u>Limit</u> | <u>Unit</u> | MDL | <u>022</u> | <u>023</u> | <u>024</u> |
| Soluble Chromium (VI) (Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | ND | ND | ND |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | ND | ND |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Cobalt (Co) | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Strontium (Sr) | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | 46000 | mg/kg | 50 | ND | ND | ND |
| | | | | | | |



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|---------------------------|-------------------|-------------------------------------|-------------|------------|---------------|------------|------------|
| <u>Test Item(s)</u> | | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>022</u> | <u>023</u> | <u>024</u> |
| Soluble Copper (Cu) | | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | | 70000 | mg/kg | 50 | ND | ND | ND |
| Soluble Nickel (Ni) | | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | | 12 | mg/kg | - | ND | ND | ND |
| <u>Test Item(s)</u> | | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>025</u> | <u>026</u> | <u>028</u> |
| Soluble Chromium (VI) (| Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | | 18750 | mg/kg | 50 | ND | ND | ND |
| Soluble Cadmium (Cd) | | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (C | Cr III) | 460 | mg/kg | 5 | ND | ND | ND |
| Soluble Mercury (Hg) | | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Cobalt (Co) | | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) |) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Strontium (Sr) | | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | | 46000 | mg/kg | 50 | ND | ND | ND |
| Soluble Copper (Cu) | | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | | 70000 | mg/kg | 50 | ND | ND | ND |
| Soluble Nickel (Ni) | | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | | 12 | mg/kg | - | ND | ND | ND |
| <u>Test Item(s)</u> | | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>029</u> | <u>030</u> | <u>031</u> |
| Soluble Chromium (VI) (0 | Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | | 18750 | mg/kg | 50 | ND | ND | ND |
| Soluble Cadmium (Cd) | | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (C | Cr III) | 460 | mg/kg | 5 | ND | ND | ND |





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| Test Item(s) | <u>Limit</u> | <u>Unit</u> | MDL | <u>029</u> | <u>030</u> | <u>031</u> |
|---------------------------------|--------------|-------------|------------|------------|------------|------------|
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Cobalt (Co) | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Strontium (Sr) | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | 46000 | mg/kg | 50 | ND | ND | ND |
| Soluble Copper (Cu) | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | 70000 | mg/kg | 50 | ND | ND | ND |
| Soluble Nickel (Ni) | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | 12 | mg/kg | - | ND | ND | ND |
| Test Item(s) | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>032</u> | <u>033</u> | <u>034</u> |
| Soluble Chromium (VI) (Cr VI) | 0.053 | mg/kg | 0.025 | ND | ND | ND |
| Soluble Lead (Pb) | 23 | mg/kg | 5 | ND | ND | ND |
| Soluble Antimony (Sb) | 560 | mg/kg | 10 | ND | ND | ND |
| Soluble Arsenic (As) | 47 | mg/kg | 10 | ND | ND | ND |
| Soluble Barium (Ba) | 18750 | mg/kg | 50 | ND | ND | ND |
| Soluble Cadmium (Cd) | 17 | mg/kg | 5 | ND | ND | ND |
| Soluble Chromium (III) (Cr III) | 460 | mg/kg | 5 | ND | ND | ND |
| Soluble Mercury (Hg) | 94 | mg/kg | 10 | ND | ND | ND |
| Soluble Selenium (Se) | 460 | mg/kg | 10 | ND | ND | ND |
| Soluble Boron (B) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Cobalt (Co) | 130 | mg/kg | 10 | ND | ND | ND |
| Soluble Manganese (Mn) | 15000 | mg/kg | 50 | ND | ND | ND |
| Soluble Strontium (Sr) | 56000 | mg/kg | 50 | ND | ND | ND |
| Soluble Zinc (Zn) | 46000 | mg/kg | 50 | ND | ND | ND |
| Soluble Copper (Cu) | 7700 | mg/kg | 50 | ND | ND | ND |
| Soluble Aluminum (Al) | 70000 | mg/kg | 50 | ND | ND | ND |
| Soluble Nickel (Ni) | 930 | mg/kg | 10 | ND | ND | ND |
| Soluble Tin (Sn) | 180000 | mg/kg | 3 | ND | ND | ND |
| Soluble Organic Tin* | 12 | mg/kg | - | ND | ND | ND |
| | | | | | | |



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Notes :

(1) Mass of trace amount of sample 004 is 43.8mg, sample 006 is 51.4mg, sample 007 is 59.1mg, sample 008 is 87.2mg, sample 009 is 70.9mg, sample 011 is 25.3mg.

(2) As received, the test portion of 002~003 is less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the European Standard EN 71-3:2019.
(3) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019.

Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)-Phthalates content

Test Method : With reference to CPSC-CH-C 1001-09.3, analysis was performed by GC-MS.

| Test Item(s) | CAS NO. | <u>Limit</u> | <u>Unit</u> | MDL | <u>003</u> | <u>004</u> | <u>005</u> |
|--|---------------------------|--------------|-------------|-------|------------|------------|------------|
| For all toys and childcare articles | | | | | | | |
| Dibutyl Phthalate (DBP) | 84-74-2 | - | % | 0.003 | ND | ND | ND |
| Benzylbutyl Phthalate (BBP) | 85-68-7 | - | % | 0.003 | ND | ND | ND |
| Bis-(2-ethylhexyl) Phthalate (DEHP) | 117-81-7 | - | % | 0.003 | ND | ND | ND |
| Total (DBP+BBP+DEHP) | | 0.1 | % | - | ND | ND | ND |
| For toys and childcare articles | | | | | | | |
| that can be mouthed | | | | | | | |
| Diisononyl Phthalate (DINP) | 28553-12-0 /68515-48-0 | - | % | 0.01 | ND | ND | ND |
| Di-n-octyl Phthalate (DNOP) | 117-84-0 | - | % | 0.003 | ND | ND | ND |
| Diisodecyl Phthalate (DIDP) | 26761-40-0 | - | % | 0.01 | ND | ND | ND |
| | /68515-49-1 | | | | | | |
| Total (DINP+DNOP+DIDP) | | 0.1 | % | - | ND | ND | ND |
| Conclusion | | | | | PASS | PASS | PASS |



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|---|-------------------------------|----------------------------|-------------|---------------------------------------|------------|------------|----------------------------|--|--|
| | | | | | | | | | |
| <u>Test Item(s)</u> For all toys and childca | <u>CAS NO.</u> are | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>006</u> | <u>007</u> | <u>008</u> | | |
| articles Dibutyl Phthalate (DBP) | 84-74-2 | - | % | 0.003 | ND | ND | ND | | |
| Benzylbutyl Phthalate (B | BP) 85-68-7 | - | % | 0.003 | ND | ND | ND | | |
| Bis-(2-ethylhexyl) Phthal (DEHP) | ate 117-81-7 | - | % | 0.003 | ND | ND | ND | | |
| Total (DBP+BBP+DEHP |) | 0.1 | % | - | ND | ND | ND | | |
| For toys and childcare that can be mouthed | articles | | | | | | | | |
| Diisononyl Phthalate (Dli | NP) 28553-12-0 /68515-48-0 | - | % | 0.01 | ND | ND | ND | | |
| Di-n-octyl Phthalate (DN | | - | % | 0.003 | ND | ND | ND | | |
| Diisodecyl Phthalate (DII | DP) 26761-40-0 /68515-49-1 | - | % | 0.01 | ND | ND | ND | | |
| Total (DINP+DNOP+DID | | 0.1 | % | - | ND | ND | ND | | |
| Conclusion | | | | | PASS | PASS | PASS | | |
| | | Lineit | 1.1 | | 000 | 005 | 000 | | |
| Test Item(s) For all toys and childca | <u>CAS NO.</u> are | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>009</u> | <u>035</u> | <u>036</u> | | |
| articles Dibutyl Phthalate (DBP) | 84-74-2 | - | % | 0.003 | ND | ND | ND | | |



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| Test Report | No.: SHHL191250469 | 1TY-01 | Date | : JAN. 21, | 2020 | Р | age 18 of 23 |
|---|-------------------------------|-------------------|------------------|---------------------|------------------|------------------|------------------|
| <u>Test Item(s)</u> Benzylbutyl Phthalate (Bl | <u>CAS NO.</u> 3P) 85-68-7 | <u>Limit</u> - | <u>Unit</u> % | <u>MDL</u> 0.003 | <u>009</u> ND | <u>035</u> ND | <u>036</u> ND |
| Bis-(2-ethylhexyl) Phthala (DEHP) | te 117-81-7 | - | % | 0.003 | ND | ND | ND |
| Total (DBP+BBP+DEHP) | | 0.1 | % | - | ND | ND | ND |
| For toys and childcare a that can be mouthed | articles | | | | | | |
| Diisononyl Phthalate (DIN | IP) 28553-12-0 /68515-48-0 | - | % | 0.01 | ND | ND | ND |
| Di-n-octyl Phthalate (DNC | | - | % | 0.003 | ND | ND | ND |
| Diisodecyl Phthalate (DIE | PP) 26761-40-0 /68515-49-1 | - | % | 0.01 | ND | ND | ND |
| Total (DINP+DNOP+DID | | 0.1 | % | - | ND | ND | ND |
| Conclusion | | | | | PASS | PASS | PASS |
| <u>Test Item(s)</u> For all toys and childca articles | <u>CAS NO.</u> re | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>037</u> | <u>038</u> | <u>039</u> |
| Dibutyl Phthalate (DBP) | 84-74-2 | - | % | 0.003 | ND | ND | ND |
| Benzylbutyl Phthalate (Bl | BP) 85-68-7 | - | % | 0.003 | ND | ND | ND |
| Bis-(2-ethylhexyl) Phthala (DEHP) | ite 117-81-7 | - | % | 0.003 | ND | ND | ND |
| Total (DBP+BBP+DEHP) | | 0.1 | % | - | ND | ND | ND |
| For toys and childcare a that can be mouthed | articles | | | | | | |
| Diisononyl Phthalate (DIN | IP) 28553-12-0 /68515-48-0 | - | % | 0.01 | ND | ND | ND |
| Di-n-octyl Phthalate (DNC | | - | % | 0.003 | ND | ND | ND |
| Diisodecyl Phthalate (DIE | PP) 26761-40-0 /68515-49-1 | - | % | 0.01 | ND | ND | ND |
| Total (DINP+DNOP+DID | | 0.1 | % | - | ND | ND | ND |
| Conclusion | | | | | PASS | PASS | PASS |



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| Test Report | No.: SHHL191250469 | 1TY-01 | Date | : JAN. 21, | 2020 | Р | age 19 of 23 |
|---|-------------------------------|--------------|-------------|------------|------------|------------|--------------|
| <u>Test Item(s)</u> For all toys and childca | <u>CAS NO.</u> re | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>040</u> | <u>041</u> | <u>042</u> |
| articles Dibutyl Phthalate (DBP) | 84-74-2 | - | % | 0.003 | ND | ND | ND |
| Benzylbutyl Phthalate (Bl | BP) 85-68-7 | - | % | 0.003 | ND | ND | ND |
| Bis-(2-ethylhexyl) Phthala (DEHP) | ate 117-81-7 | - | % | 0.003 | ND | ND | ND |
| Total (DBP+BBP+DEHP) | | 0.1 | % | - | ND | ND | ND |
| For toys and childcare a | articles | | | | | | |
| that can be mouthed Diisononyl Phthalate (DIN | NP) 28553-12-0 /68515-48-0 | - | % | 0.01 | ND | ND | ND |
| Di-n-octyl Phthalate (DNC | | - | % | 0.003 | ND | ND | ND |
| Diisodecyl Phthalate (DI | DP) 26761-40-0 /68515-49-1 | - | % | 0.01 | ND | ND | ND |
| Total (DINP+DNOP+DID | | 0.1 | % | - | ND | ND | ND |
| Conclusion | | | | | PASS | PASS | PASS |
| <u>Test Item(s)</u> For all toys and childca articles | <u>CAS NO.</u> re | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>043</u> | <u>044</u> | |
| Dibutyl Phthalate (DBP) | 84-74-2 | - | % | 0.003 | ND | ND | |
| Benzylbutyl Phthalate (Bl | BP) 85-68-7 | - | % | 0.003 | ND | ND | |
| Bis-(2-ethylhexyl) Phthala (DEHP) | ate 117-81-7 | - | % | 0.003 | ND | ND | |
| Total (DBP+BBP+DEHP) | | 0.1 | % | - | ND | ND | |
| For toys and childcare a that can be mouthed | articles | | | | | | |
| Diisononyl Phthalate (DIN | NP) 28553-12-0 /68515-48-0 | - | % | 0.01 | ND | ND | |
| Di-n-octyl Phthalate (DNC | | - | % | 0.003 | ND | ND | |
| Diisodecyl Phthalate (DI | DP) 26761-40-0 /68515-49-1 | - | % | 0.01 | ND | ND | |



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|--|--------------------------|---------------------|---------------------|----------|------------------|------------------|--|
| <u>Test Item(s)</u> Total (DINP+DNOP+DIDF | CAS NO. ?) | <u>Limit</u> 0.1 | <u>Unit</u> % | MDL - | <u>043</u> ND | <u>044</u> ND | |
| Conclusion | | | | | PASS | PASS | |

Notes :

European Parliament adopted new phthalate Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC);

(1-1) DBP, BBP and DEHP are totally banned for use in any toys on childcare articles where their concentration exceeds 0.1% by mass.

(1-2) DINP, DNOP, DIDP are totally banned for use in toys and childcare articles that can be mouthed where their concentration exceeds 0.1% by mass.

Remark: Composite test has been performed.

Remark:

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- 2. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.
- 3. This report was updated sample photo & test results.



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Sample Photo:





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*** End of Report ***



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