



中国认可
国际互认
检测
TESTING
CNAS L19581

Test Report

No.: S240806026001-1

Date: Aug 09, 2024

Page 1 of 13

Applicant: TAIZHOU MAXBEBE KIDS PRODUCTS CO.,LTD

Applicant address: C402, FANGYUAN E-COMMERCE PARK , NO.155 ,XITAIHE ROAD, ,JIAOJIANG DISTRICT, TAIZHOU CITY, ZHEJIANG PROVINCE,China

Sample Name: Silicone tableware
Model: G-0620
Manufacturer: TAIZHOU MAXBEBE KIDS PRODUCTS CO.,LTD
Manufacturer Address: C402, FANGYUAN E-COMMERCE PARK , NO.155 ,XITAIHE ROAD, JIAOJIANG DISTRICT, TAIZHOU CITY, ZHEJIANG PROVINCE , China
Requested Age Grading: 3m+
Labeled Age Grading: 3m+
Appropriate age grade: 3m+
Test Age: 3m+
The above samples and information are provided by the customer
Sample Received Date: Aug 06, 2024
Test Period: Aug 06, 2024 to Aug 09, 2024
Test Requirements: Test according to customer requirement
Test Method: Please refer to next page(s)
Test Result: Please refer to next page(s)
Test conclusion: **Please refer to next page(s)**

WRITTEN BY

Zoey Zhang

Zoey Zhang

REVIEWED BY

Kira Fu

Kira Fu

Soar Testing Certification
(GuangDong) Co.,Ltd.



Approved signatory

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Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

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Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com
Website: http://www.soartestlab.com



Result Summary:

| Test Requested | Conclusion |
|--|---|
| 1.In accordance with the requirements of Europe toy safety Directive 2009/48/EC to perform the related testing: 1)EN 71-1:2014+A1:2018 – Mechanical and Physical Properties* 2)EN 71-2:2020 – Flammability* 3)EN 71-3:2019+A1:2021 – Migration of certain elements* | PASS PASS PASS |
| 2.Lead(Pb) content | See the result |

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**Test Result(s):****Description of test sample:**

| Sample No. | Item / Component Description(s) | Location(s) | Style(s) / Model(s) | Remark |
|------------|---------------------------------|-------------|---------------------|--------|
| 1 | Silver gray silicone | / | / | / |

Note: "/"= Refer to photo of the sample.

1) EN 71-1:2014+A1:2018 – Mechanical and Physical Properties*

| <u>Section</u> | <u>Description</u> | <u>Result</u> |
|----------------|--|---------------|
| 4 | General requirement | --- |
| 4.1 | Material cleanliness (by visual assessment) | PASS |
| 4.2 | Assembly | N.A. |
| 4.3 | Flexible plastics sheeting | N.A. |
| 4.4 | Toy bags | N.A. |
| 4.5 | Glass | N.A. |
| 4.6 | Expanding materials | N.A. |
| 4.7 | Edges | PASS |
| 4.8 | Points and metallic wires | PASS |
| 4.9 | Protruding parts | N.A. |
| 4.10 | Parts moving against each other | N.A. |
| 4.10.1 | Folding and sliding mechanisms | N.A. |
| 4.10.2 | Driving mechanisms | N.A. |
| 4.10.3 | Hinges | N.A. |
| 4.10.4 | Springs | N.A. |
| 4.11 | Mouth-actuated toys and other toys intended to be put in the mouth | N.A. |
| 4.12 | Balloons | N.A. |
| 4.13 | Cords of toy kites and other flying toys | N.A. |
| 4.14 | Enclosures | N.A. |
| 4.14.1 | Toys which a child can enter | N.A. |
| 4.14.2 | Masks and helmets | N.A. |
| 4.15 | Toys intended to bear the mass of a child | N.A. |
| 4.15.1 | Toys propelled by the child or by other means | N.A. |
| 4.15.2 | Toy bicycles | N.A. |
| 4.15.3 | Rocking horses and similar toys | N.A. |
| 4.15.4 | Toys not propelled by a child | N.A. |
| 4.15.5 | Toy scooters. | N.A. |
| 4.16 | Heavy immobile toys | N.A. |
| 4.17 | Projectiles | N.A. |

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| <u>Section</u> | <u>Description</u> | <u>Result</u> |
|----------------|--|---------------|
| 4.17.1 | General | N.A. |
| 4.17.2 | All projectiles | N.A. |
| 4.17.3 | Projectile toys with stored energy | N.A. |
| 4.17.4 | Certain projectile toys without stored energy | N.A. |
| 4.18 | Aquatic toys and inflatable toys | N.A. |
| 4.19 | Percussion caps specifically designed for use in toys and toys using percussion caps | N.A. |
| 4.20 | Acoustics | N.A. |
| 4.21 | Toys containing a non-electrical heat source | N.A. |
| 4.22 | Small balls | N.A. |
| 4.23 | Magnets | N.A. |
| 4.23.1 | General | N.A. |
| 4.23.2 | Toys other than magnetic/electrical experimental sets intended for children over 8 years | N.A. |
| 4.23.3 | Magnetic/electrical experimental sets intended for children over 8 years | N.A. |
| 4.24 | Yo-yo balls | N.A. |
| 4.25 | Toys attached to food | N.A. |
| 4.26 | Toy disguise costumes | N.A. |
| 4.27 | Flying toys | N.A. |
| 4.27.1 | General | N.A. |
| 4.27.2 | Rotors and propellers on flying toys | N.A. |
| 4.27.3 | Rotors and propellers on remote controlled flying toys | N.A. |
| 5 | Toys intended for children under 36 months. | --- |
| 5.1 | General requirements | PASS |
| 5.1a | Small part requirement on toys & removable components | PASS |
| 5.1b | Abuse test (see test method 8) | PASS |
| 5.1c | Potential hazardous metal points and wires with a cross section of 2mm or less | N.A. |
| 5.1d | Large and bulky toys | N.A. |
| 5.1e | Glued wooden toys and toys with glued-on plastic decals | N.A. |
| 5.1f | The casing of toys intended for children too young to sit up unaided | N.A. |
| 5.1g | Foam toys and toys containing accessible foam | N.A. |
| 5.2 | Soft-filled toys and soft-filled parts of a toy | N.A. |
| 5.3 | Plastic sheeting | N.A. |
| 5.4 | Cords, chains and electrical cables in toys | N.A. |
| 5.4.1 | General | N.A. |
| 5.4.2 | Cords and chains in toys intended for children under 18 months | N.A. |

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| <u>Section</u> | <u>Description</u> | <u>Result</u> |
|----------------|---|---------------|
| 5.4.3 | Cords and chains in toys intended for children of 18 months or over but under 36 months | N.A. |
| 5.4.4 | Fixed loops, tangled loops and nooses | N.A. |
| 5.4.5 | Cords and chains on pull along toys | N.A. |
| 5.4.6 | Electrical cable | N.A. |
| 5.4.7 | Cross-sectional dimension of certain cords | N.A. |
| 5.4.8 | Self-retracting cords | N.A. |
| 5.4.9 | Toys attached to or intended to be strung across a cradle, cot or perambulator | N.A. |
| 5.5 | Liquid-filled toys | N.A. |
| 5.6 | Speed limitation of electrically-driven ride-on toys | N.A. |
| 5.7 | Glass and porcelain | N.A. |
| 5.8 | Shape and size of certain toys | N.A. |
| 5.9 | Toys comprising monofilament fibres | N.A. |
| 5.10 | Small balls | N.A. |
| 5.11 | Play figures | N.A. |
| 5.12 | Hemispheric-shaped toys | N.A. |
| 5.13 | Suction cups | PASS |
| 5.14 | Straps intended to be worn fully or partially around the neck | N.A. |
| 5.15 | Sledge with cords for pulling | N.A. |
| 6 | Packaging | N.A. |
| 7 | Warnings, markings and instructions for use | --- |
| 7.1 | General | PASS |
| 7.2 | Toys not intended for children under 36 months | N.A. |
| 7.3 | Latex Balloons | N.A. |
| 7.4 | Aquatic toys | N.A. |
| 7.5 | Functional Toys | N.A. |
| 7.6 | Hazardous sharp functional edges and points | N.A. |
| 7.7 | Projectile toys | N.A. |
| 7.8 | Imitation protective masks and helmets | N.A. |
| 7.9 | Toy kites | N.A. |
| 7.10 | Roller skates, inline skates, skateboards and certain other ride-on toys | N.A. |
| 7.10.1 | Roller skates, inline skates and skateboards | N.A. |
| 7.10.2 | Ride-on toys without a braking device | N.A. |
| 7.10.3 | Electrically-driven ride-on toys | N.A. |
| 7.10.4 | Instructions for use | N.A. |

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| <u>Section</u> | <u>Description</u> | <u>Result</u> |
|----------------|---|---------------|
| 7.11 | Toys otherwise intended to be strung across a cradle, cot, or perambulator | N.A. |
| 7.12 | Liquid-filled teethingers | N.A. |
| 7.13 | Percussion caps specifically designed for use in toys | N.A. |
| 7.14 | Acoustics | N.A. |
| 7.15 | Toy bicycle | N.A. |
| 7.16 | Toys intended to bear the mass of child | N.A. |
| 7.17 | Toys comprising monofilament fibres | N.A. |
| 7.18 | Toy scooters | N.A. |
| 7.19 | Rocking horses and similar toys | N.A. |
| 7.20 | Magnetic/electrical experimental sets | N.A. |
| 7.21 | Toys with electrical cables exceeding 300 mm in length | N.A. |
| 7.22 | Toys with cords or chains intended for children of 18 months and over but under 36 months | N.A. |
| 7.23 | Toys intended to be attached to a cradle, cot or perambulator | N.A. |
| 7.24 | Sledge with cords for pulling | N.A. |
| 7.25 | Flying toys | N.A. |
| 7.25.1 | Flying toys | N.A. |
| 7.25.2 | Remote controlled flying toys | N.A. |
| 7.26 | Improvised projectiles | N.A. |
| 8 | Test Methods | --- |
| 8.3 | Torque Test | PASS |
| 8.4 | Tension Test | PASS |
| 8.5 | Drop Test | PASS |
| 8.6 | Tip over Test | N.A. |
| 8.7 | Impact Test | PASS |
| 8.8 | Compression Test | PASS |
| 8.9 | Soaking Test | N.A. |
| 8.13 | Flexure Test | N.A. |
| 8.34 | Tension test for magnets | N.A. |

N.A. = Not Applicable

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**2)EN 71-2:2020 – Flammability***

| Section | Description | Result |
|----------------|--|---------------|
| 4 | Requirements | --- |
| 4.1 | General requirements | PASS |
| 4.2 | Toys to be worn on the head | N.A. |
| 4.3 | Toys 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. |

N.A. = Not Applicable

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**3)EN 71-3:2019+A1:2021 – Migration of certain elements***

Test Method: According to EN 71-3:2019+A1:2021, analysis was performed by Instruments.

| Test Items | Unit | MDL | Result |
|---|-------|------|--------------|
| | | | Category III |
| | | | No.1 |
| Soluble Aluminum(Al) | mg/kg | 5 | 6 |
| Soluble Antimony(Sb) | mg/kg | 0.02 | N.D. |
| Soluble Arsenic(As) | mg/kg | 0.02 | N.D. |
| Soluble Barium(Ba) | mg/kg | 5 | N.D. |
| Soluble Boron(B) | mg/kg | 5 | N.D. |
| Soluble Cadmium(Cd) | mg/kg | 0.05 | N.D. |
| Soluble trivalent chromium(Cr ³⁺) | mg/kg | 0.05 | N.D. |
| Soluble hexavalent chrome(Cr ⁶⁺) | mg/kg | 0.02 | N.D. |
| Soluble Cobalt (Co) | mg/kg | 0.02 | N.D. |
| Soluble Copper (Cu) | mg/kg | 5 | N.D. |
| Soluble Lead (Pb) | mg/kg | 0.05 | N.D. |
| Soluble Manganese (Mn) | mg/kg | 5 | N.D. |
| Soluble Mercury (Hg) | mg/kg | 0.02 | N.D. |
| Soluble Nickel (Ni) | mg/kg | 0.05 | N.D. |
| Soluble Selenium (Se) | mg/kg | 0.2 | N.D. |
| Soluble strontium (Sr) | mg/kg | 5 | N.D. |
| Soluble Tin (Sn) | mg/kg | 5 | N.D. |
| Soluble Organotin | mg/kg | 0.1 | N.D. |
| Soluble Zinc (Zn) | mg/kg | 5 | N.D. |
| Conclusion | -- | -- | PASS |

Note:

1. mg/kg =milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

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Annex

| Soluble Element | Limit (mg/kg) | | |
|---|---|-------------------------------|--------------------------|
| | Category I | Category II | Category III |
| | Dry, brittle, powder-like or pliable toy material | Liquid or sticky toy material | Scraped-off toy material |
| Soluble Aluminum(Al) | 2250 | 560 | 28130 |
| Soluble Antimony(Sb) | 45 | 11.3 | 560 |
| Soluble Arsenic(As) | 3.8 | 0.9 | 47 |
| Soluble Barium(Ba) | 1500 | 375 | 18750 |
| Soluble Boron(B) | 1200 | 300 | 15000 |
| Soluble Cadmium(Cd) | 1.3 | 0.3 | 17 |
| Soluble trivalent chromium(Cr ³⁺) | 37.5 | 9.4 | 460 |
| Soluble hexavalent chrome (Cr ⁶⁺) | 0.02 | 0.005 | 0.053 |
| Soluble Cobalt (Co) | 10.5 | 2.6 | 130 |
| Soluble Copper (Cu) | 622.5 | 156 | 7700 |
| Soluble Lead (Pb) | 2.0 | 0.5 | 23 |
| Soluble Manganese (Mn) | 1200 | 300 | 15000 |
| Soluble Mercury (Hg) | 7.5 | 1.9 | 94 |
| Soluble Nickel (Ni) | 75 | 18.8 | 930 |
| Soluble Selenium (Se) | 37.5 | 9.4 | 460 |
| Soluble strontium (Sr) | 4500 | 1125 | 56000 |
| Soluble Tin (Sn) | 15000 | 3750 | 180000 |
| Soluble Organotin | 0.9 | 0.2 | 12 |
| Soluble Zinc (Zn) | 3750 | 938 | 46000 |

2. Lead(Pb) content

Test Method: CPSC-CH-E1002-08.3:2012, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

| Test Item | Unit | MDL | No.1 |
|-----------|-------|-----|------|
| Lead (Pb) | mg/kg | 10 | N.D. |

Note:

1. mg/kg = milligram per kilogram = ppm
2. MDL = Method Detection Limit
3. N.D. = Not Detected (< MDL)

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Remark:

1. "*" = The test items and test methods are not authorized by CNAS.
2. As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

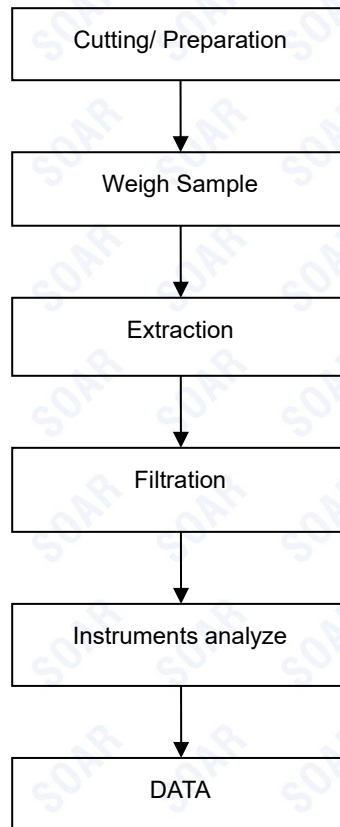
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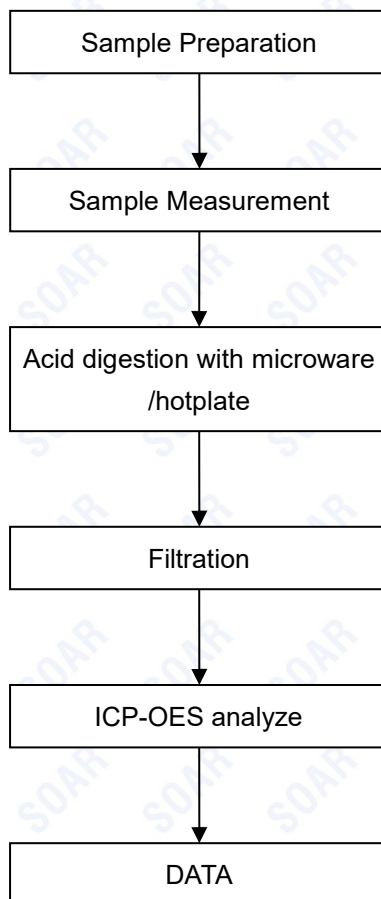
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Migration of certain elements Testing Flow Chart

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Total Lead Testing Flow Chart

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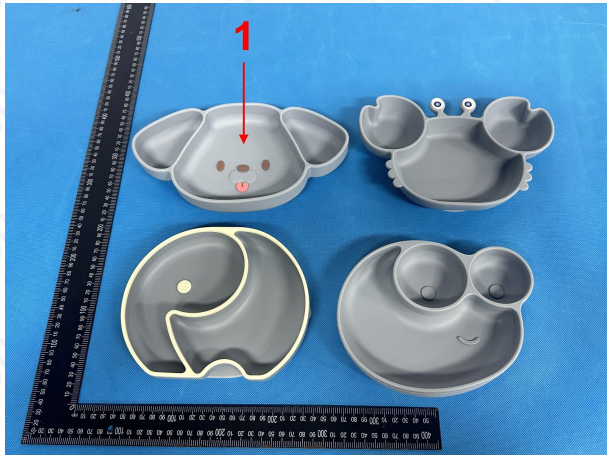
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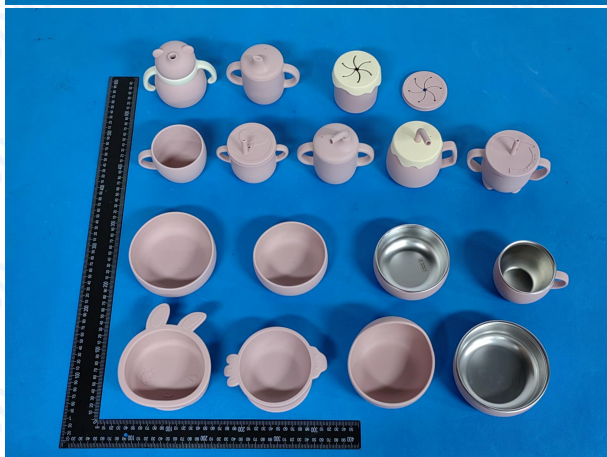
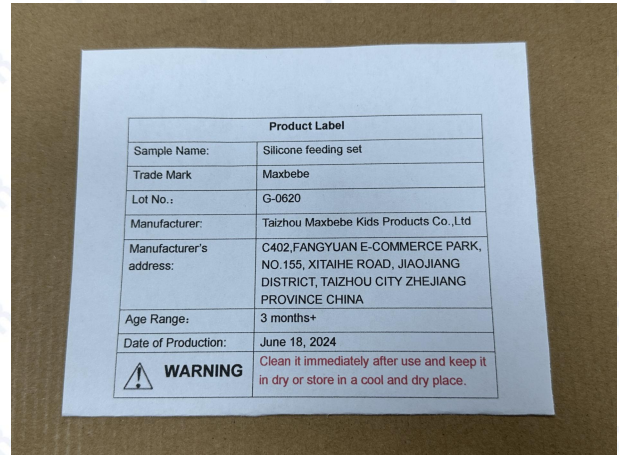
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Photo of the Sample:



No.1



The photo is for use with SOAR original report only.

*** End of Report ***

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