

Test Report

Report No.: CTT2408012828EN

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Applicant: [REDACTED] SILICONE PRODUCT CO.,LTD

Address: [REDACTED]
[REDACTED] HUIZHOU CITY 516000, GUANGDONG, CHINA

Sample Received Date: Aug. 14, 2024

Completed Date: Aug. 20, 2024

Report Date: Aug. 20, 2024

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Baby bib, Silicone bowl, Baby Plate, Sippy cup, Snack cup, Baby feeding set, Silicone tableware, Food feeder, Ice tray, Spoon Fork set, Silicone placemat, Bamboo bowl set, Bamboo plate

Model No.: BB005, BB009, WY0001, WY0002, WY0013, WY0014, SB014, SC002, SB010, BC006, SN001, SP025, SP014, SP016, SP023, SB025, SB026, SB006, SB007, SB017, SB018, SB019, SB020, SB023, SB024, SP019, SBB007, SBB006

Sample Color: Red, Green, White, Olive, Dusty Blue, Dark pink, Rose pink, Cream, Mango, Beige, Blue, Brown, Grey blue, Sage green, Flesh pink, Maroon, Gray

Manufacturer: Huizhou Melikey Silicone Product Co., Ltd

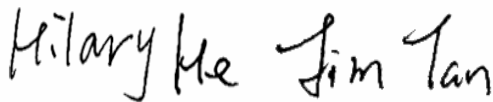
Country of Origin: China

Test Age Group: 0Y+

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:



Hilary He/Jim Tan
Technical Manager

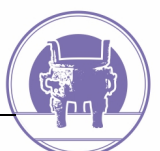
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Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	CPSC 16 CFR 1501 Small Parts	PASS
2	CPSC 16 CFR 1500.48 Sharp Points	PASS
3	CPSC 16 CFR 1500.49 Sharp Edges	PASS
4	CPSIA Tracking Labels for Children's Products: As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 103	PASS
5	Client's requirements - Bisphenol A (BPA)	PASS
6	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101] - Total Lead (Pb) in accessible substrate materials	PASS
7	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101] - Total Lead (Pb) in paint or surface coating	PASS
8	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 108] and CPSC 16 CFR 1307 - Phthalates	PASS
9	US FDA 21 CFR 178.3800: Preservatives for wood. - Pentachlorophenol(PCP)	PASS
10	CPSC 16 CFR 1303 - Total Lead (Pb) in paint or surface coating	PASS
11	US FDA 21 CFR 177.2600 Rubber articles intended for repeated use - Distilled water extractives - Hexane extractives	PASS



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Test Result(s):

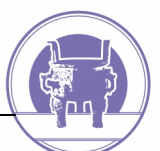
CPSC 16 CFR 1501- Small Part and CPSC 16 CFR 1500.48~49- Sharp Points & Edges

Test Item(s)	Requirements of Standard	Assessment
		23
CPSC 16 CFR 1501-Small part	Toys and other article intended for use by children under 3 years of age shall not have small parts since it presents a choking, aspiration, or ingestion hazard. Toys and other article are subject to this requirement before or after use and abuse testing.	PASS
CPSC 16 CFR 1500.48-Sharp Points	Toys and other article intended for use by children under 8 years of age shall not have accessible potentially hazardous sharp points. Toys and other article are subject to this requirement before or after use and abuse testing.	PASS
CPSC 16 CFR 1500.49-Sharp Edges	Toys and other article intended for use by children under 8 years of age shall not have accessible potentially hazardous sharp metal or glass edges. Toys and other article are subject to this requirement before or after use and abuse testing.	PASS

Note: 1. NA = Not Applicable.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations:

Testing Items	FHSA	Parameter
		23
Drop Test	Section 1500.51(b)	10×4.5 ft
Torque Test	Section 1500.53(e)	4.0 inch · lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf



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Test Result(s):

CPSIA Tracking Labels for Children's Products (Visual)

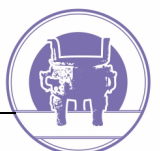
Method: As Specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 103
Tracking label on the product ¹

Requirement	Result
	24
Name of the manufacture or the name of the private labeler.	PRESENT
Manufacture location, including the name of the city and country, or the name of other means of coding of city and state.	PRESENT
Date of the production of the product, in a form of Month/ Year or any other coding system.	PRESENT
The cohort information(including the batch, run number, or other identifying characteristic.	PRESENT
Permanent remark	PASS

Tracking label on the packaging ¹

Requirement	Result
	24
Name of the manufacture or the name of the private labeler	PRESENT
Manufacture location, including the name of the city and country, or the name of other means of coding of city and state	PRESENT
Date of the production of the product, in a form of Month/ Year or any other coding system	PRESENT
The cohort information(including the batch, run number, or other identifying characteristic	PRESENT
Permanent remark	PASS

Note: 1. The tracking label assessment was based on the submitted samples and the information provided or not provided by the applicant. There is no verification on the validity of such information.



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Test Result(s):

Bisphenol A (BPA) - Client's requirements

Method: EPA 3550C:2007ⁿ, analyzed by Ultra High Performance Liquid Chromatography-Mass Spectrometry (UPLC-MS/MS) .

Substances	Bisphenol A (BPA)	Conclusion
CAS No.	80-05-7	
LOQ (mg/kg)	0.1	
Limit (mg/kg)	N.D.	
Material No.	Result (mg/kg)	PASS
3	N.D.	

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

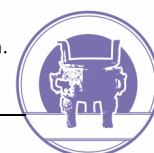
Test Result(s):

Total Lead (Pb) in accessible substrate materials - US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101]

Method: CPSC-CH-E1002-08.3, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	PASS
5+6+7	N.D.	
8+9+10	N.D.	
11+12+13	N.D.	
14+15+16	N.D.	
17+18+19	N.D.	

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



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Test Result(s):

Total Lead (Pb) in paint or surface coating - US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101]

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	90	
Material No.	Result (mg/kg)	PASS
4	N.D.	

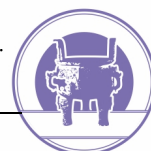
NOTE: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Result(s):

Phthalates - US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 108] and CPSC 16 CFR 1307

Method: CPSC-CH-C1001-09.4, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) .

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)
					20+21+22
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.
Conclusion					PASS



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- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. Children's toys and child care articles shall not more than 1000mg/kg of DBP, BBP, DEHP, DINP, DIBP, DCHP,DPENP and DNHP (DHEXP)
 - Children's toys defined as 12 years and under.
 - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help children with sucking and teething.
 4. Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing. If material identification is not provided, phthalate testing will be conducted on all plastic materials.
 5. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.

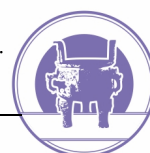
Test Result(s):

Pentachlorophenol(PCP) - US FDA 21 CFR 178.3800: Preservatives for wood.

Method: US FDA 21 CFR 178.3800ⁿ, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) .

Substances	Pentachlorophenol (PCP)	Conclusion
CAS No.	87-86-5	
LOQ (mg/kg)	0.1	
Limit (mg/kg)	50	
Material No.	Result (mg/kg)	
1	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).



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Test Result(s):

Total Lead (Pb) in paint or surface coating - CPSC 16 CFR 1303

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	90	
Material No.	Result (mg/kg)	
4D	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1003-09.1.

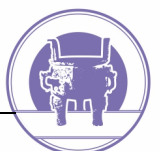
Test Result(s):

Distilled water extractives - US FDA 21 CFR 177.2600: Rubber articles intended for repeated use.

Method: US FDA 21 CFR 177.2600

Substances	Distilled water extractives (first 7h)	Distilled water extractives (2h later)	Conclusion
CAS No.	--	--	
LOQ (mg/inch²)	0.2	0.2	
Limit (mg/inch²)	20	1	
Material No.	Result (mg/inch²)		
2	N.D.	N.D.	PASS

- NOTE:**
1. mg/inch² = milligram per square inch.
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).



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Test Result(s):

Hexane extractives - US FDA 21 CFR 177.2600: Rubber articles intended for repeated use.

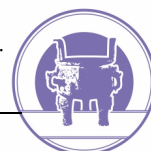
Method: US FDA 21 CFR 177.2600

Substances	Hexane extractives (first 7h)	Hexane extractives (2h later)	Conclusion
CAS No.	--	--	
LOQ (mg/inch²)	0.2	0.2	
Limit (mg/inch²)	175	4	
Material No.	Result (mg/inch²)		
2	27.46	1.70	PASS

- NOTE:**
1. mg/inch² = milligram per square inch.
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).

Test Material List

Material No.	Sample Description	Location
1	Natural wood	Fork handle/spoon handle(K)/bowl body/spoon handle/fork handle(Q)/plate(R)
2	Dark green silicone	Bib(A)
3	Red silicone	Cup/cover/straw(J)
4	Transparent varnish	Bowl coating(Q)/spoon coating/fork coating(Q/K)/plate coating(R)
5	Brown silicone	Bib(A)
6	Dark blue silicone	Bib(A)
7	Dark gray silicone	Bib(A)
8	Pale green silicone	Bib(A)/cover(B)/bowl(B/C/D)/mould/nipple handle(E)/plate(F/G/H/I)/fork/spoon(L/O/Q)/fork handle/spoon handle(M/N)/placemat(P)/suction cup(Q/R)
9	Green silicone	Bib(A)/fork/spoon/bowl/plate(G/K)/cover/straw(J)/cup body(S)
10	Dark yellow silicone	Bib(A)/bowl(B/C/D)/cover(B)/mould(E)/nipple handle(E)/plate(F/H/I)/spoon(L/O/Q)/suction cup(L/Q)/fork handle/spoon handle(M/N)/placemat(G/P)/fork/suction cup(R)
11	Pale blue silicone	Bib(A)/bowl(B/C/D)/cover(B)/mould(E)/nipple handle(E)/plate(F/G/I)/spoon handle(M/N)/fork handle(N)/suction cup(L/Q)/fork/spoon(L/O/Q)/placemat(P)/suction cup(R)
12	Red silicone	Bib(A)/plate(K/G)/bowl/spoon/fork(K)

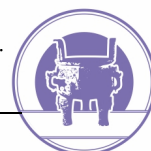


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13	Dark natural silicone	Bib(A)/mould(E)/nipple handle(E)/plate(F/H/I/G)/fork/spoon(L/O/Q)/spoon handle(M/N)/placemat(P/G)/suction cup/fork(Q)/suction cup(R)
14	Natural silicone	Bib(A)/cover(B)/bowl(B/C/D)mould(E)/nipple handle(E)/cover/straw(J)
15	Dark pink silicone	Bib(A)/bowl(B/C/D)/cover(B)/plate(F/H/I/G)/suction cup(L/Q)fork/spoon(L/O/Q)/spoon handle(M/N)/placemat(P)/suction cup(R)
16	Pale pink silicone	Bib(A)/bowl(B/C/D)/cover(B)/mould(E)/nipple handle(E)/plate(F/H/I/G)/fork/spoon(L/O)/spoon handle(M/N)/placemat(P)/suction cup(R)
17	White translucence silicone	Cover(E/G/S/K)
18	White silicone	Cover/straw(J)
19	Dim green silicone	Mould/nipple handle(E)
20	Pink silicone	Mould/nipple handle(E)
21	Light gray silicone	Mould/nipple handle(E)
22	Transparent silicone	Nipple(E)
23	Complementary food set (J)	Individual
24	Plate set (R)	Individual

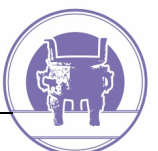


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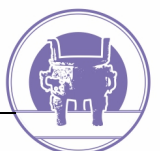
Photo of Sample:



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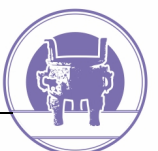
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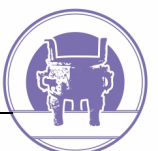
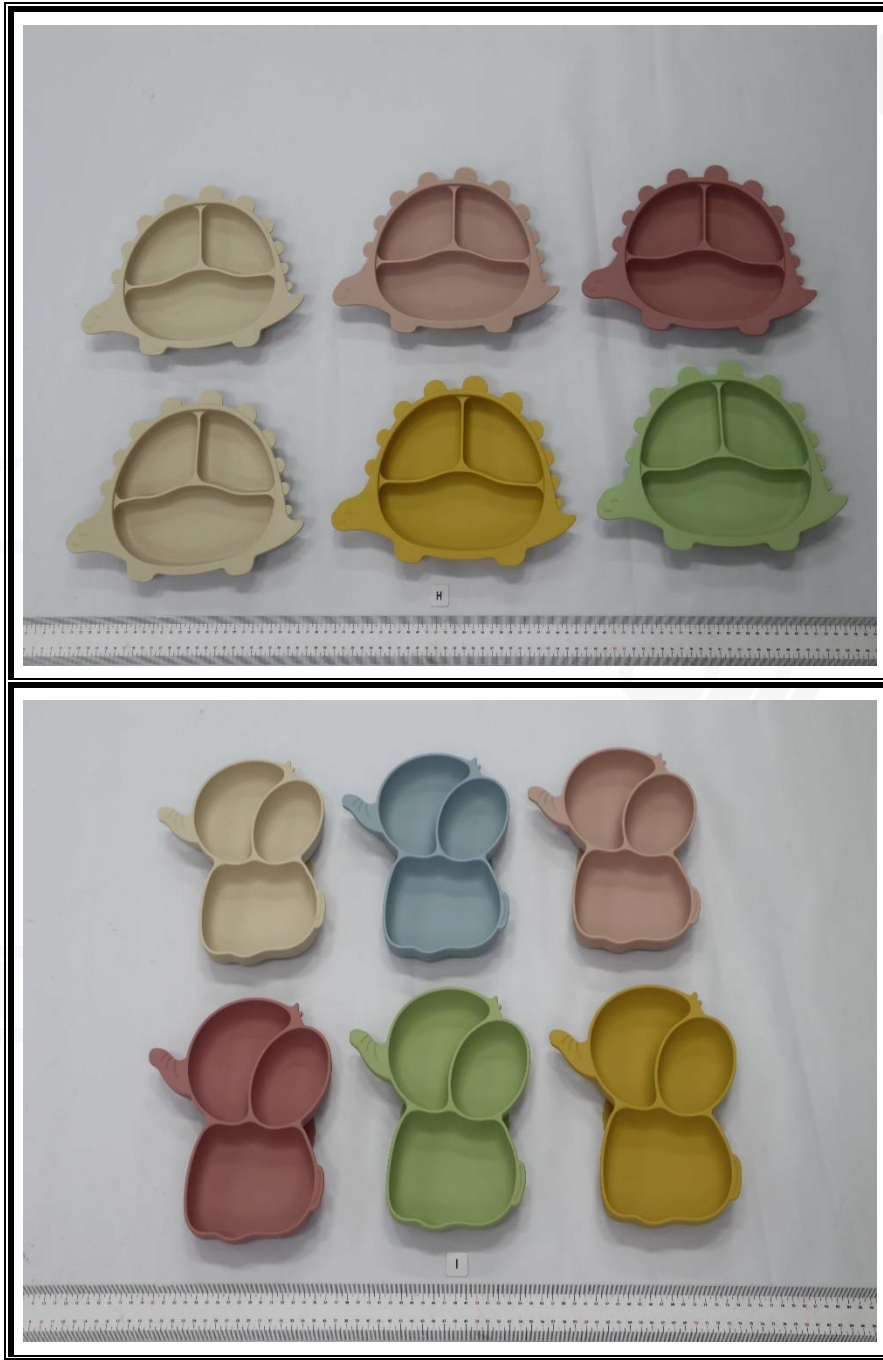
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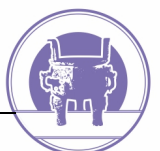
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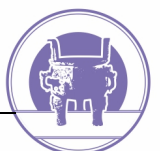
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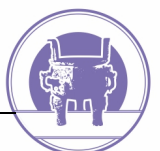
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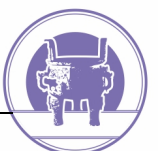
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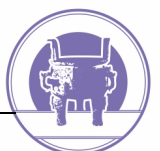
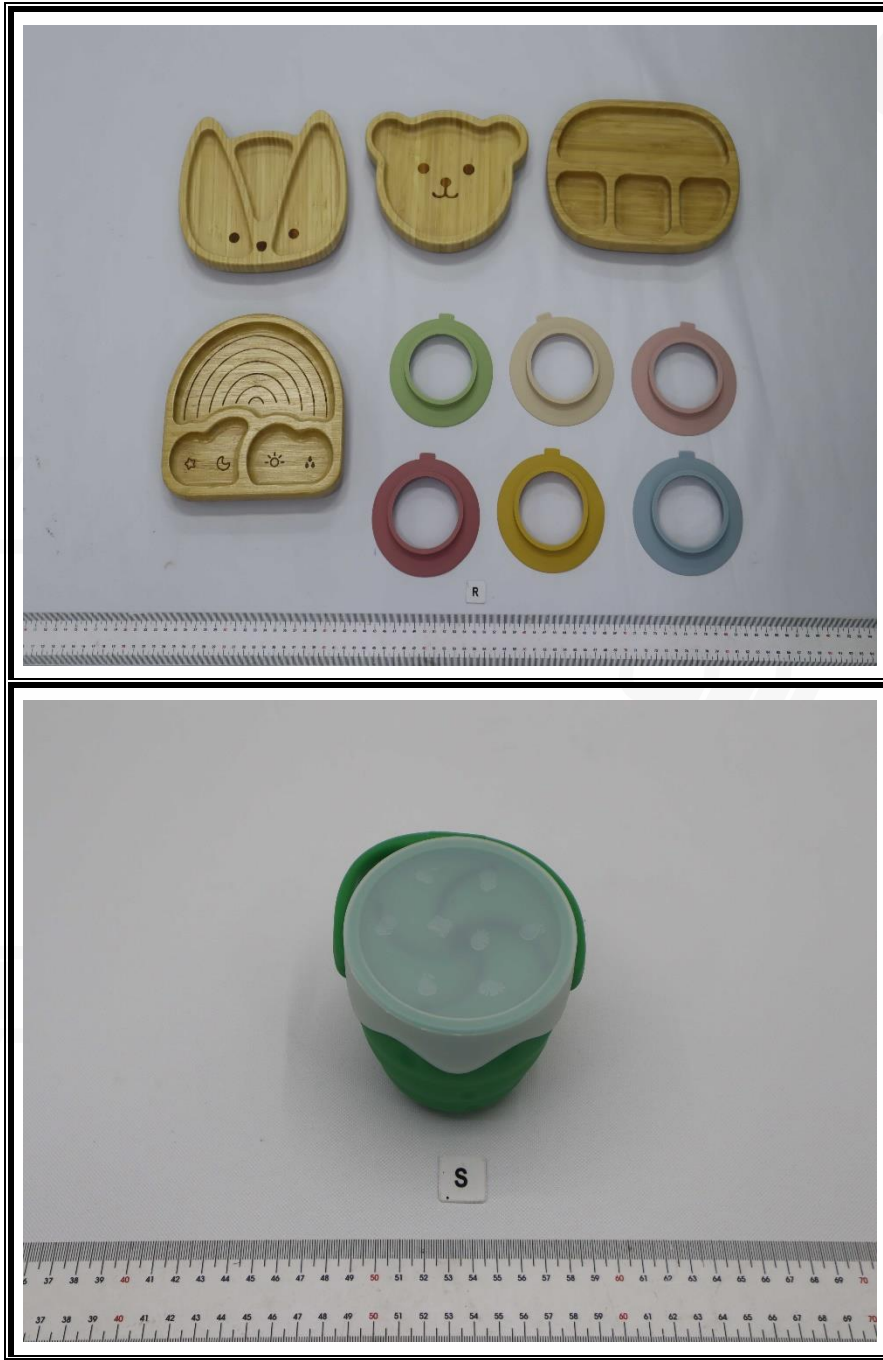
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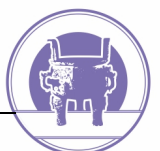
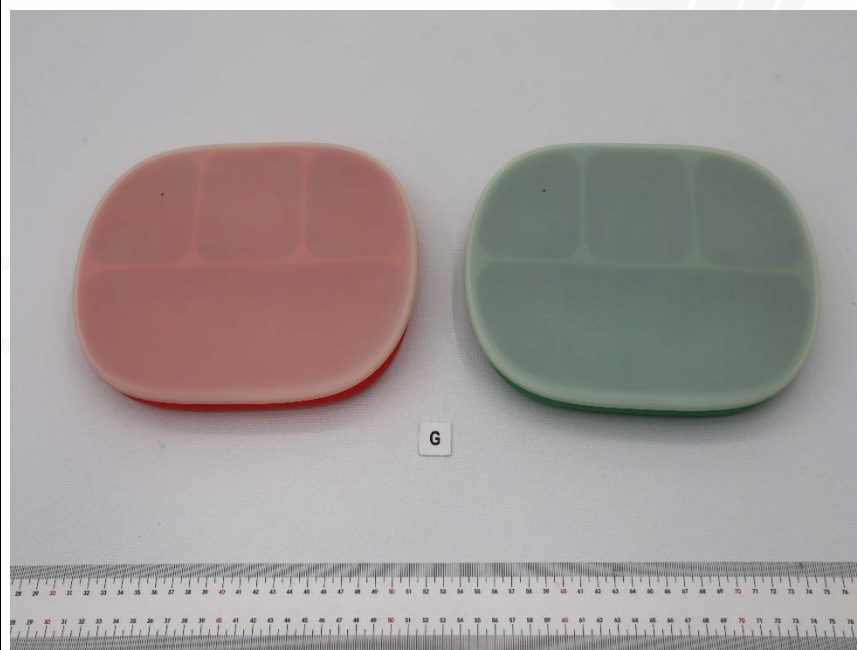
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Product name: Snack cup
Type No: SN001
Manufacturer: [REDACTED] Silicone Product Co., Ltd
Manufacturer address: [REDACTED]
Huizhou City, Guangdong, China
Country of origin: China
Production Date: Aug 10th, 2024
Lot number: MLK2024081001
Applicable age: 0M+

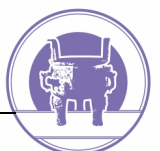
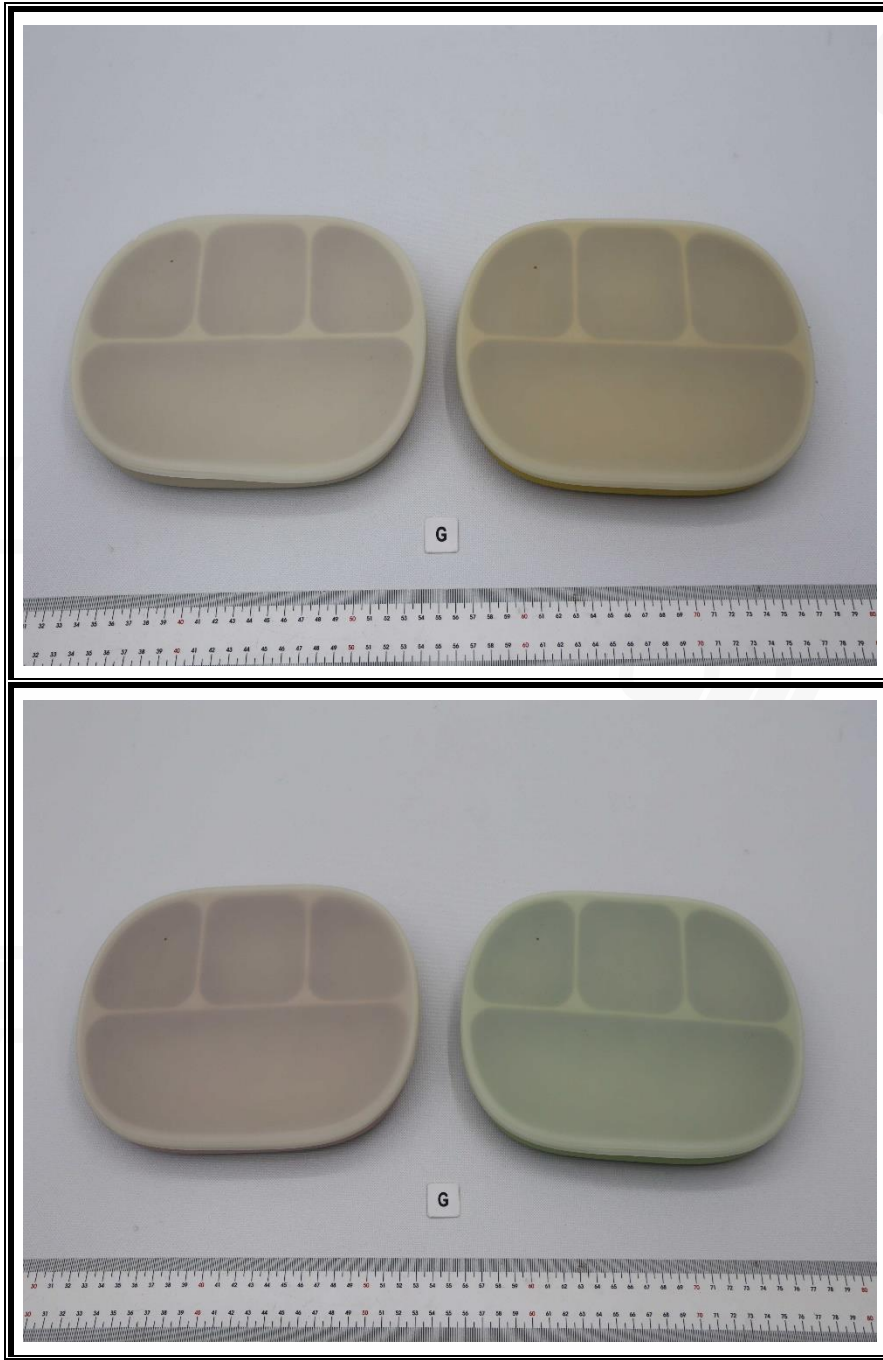
Warning: Please use under parents' supervision.



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CTT Co., Ltd. is the US Consumer Product Safety Commission (CPSC) Accredited Third Party Testing Laboratory, identification number is 1026, and shall refer to <http://www.cpsc.gov/cgi-bin/labsearch/>.

*** End of Report ***

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