







Report No.:PTC24040710807C-EN01V01 | Issue Date:May. 29, 2024

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**Applicant:** Shenzhen Wo Silicone Tech Co.,Ltd.

Address: 1st Floor, #42, Hantang 2nd Road, Henggang Town, Longgang District, Shenzhen, 518115

The following merchandise was (were) submitted and identified by client as:

Test sample name: Silicone Tableware

Other sample name: Tableware, Cup, Plate, Mat, Fork, Spoon, Knife, Bib, Sample Name:

Snak Box, Lunch Box, Baby Bottle, Yoghurt and purée bottle, Egg Cup, Straw,

Snack Bag

Color: Like the picture

Country of Origin: China.

Age Group for Testing: 0+

Applicant's Specified

Age Group for Testing:

Manufacturer: Huizhou Wo Manufacturing Co., Ltd

Building 62, 63, 64, Longmenhong Industrial Zone, Huizhou Industrial Transfer Address:

Industrial Park, Longmen County, Huizhou, China 516800

Sample Received Date: Apr.07, 2024 Completed Date: Apr.11, 2024

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

Prepared by: Anne

Checked by: Crystal

Approved by: Miya



#### Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1)	Submitted sample	ASTM F963-23 American Standard Consumer Safety Specification for Toy Safety - Mechanical and Physical Properties	PASS
2)	Submitted sample	ASTM F963-23 American Standard Consumer Safety Specification for Toy Safety - Flammability	PASS
3)	Submitted sample	U.S. Federal Hazardous Substances Act (FHSA) CPSC 16 CFR 1500.3(c)(6)(vi) - Flammability of Solids	PASS
4)	Submitted sample	CPSC 16 CFR 1500.48,CPSC 16 CFR 1500.49,CPSC 16 CFR 1501 - Sharp Points,Sharp Edges,Small Parts	PASS
5)	Submitted sample	ASTM F963-23 "Standard consumer safety specification for toy safety," Section 4.3.5.2.  - Total Lead content in substrate material	PASS
6)	Submitted sample	ASTM F963-23 "Standard consumer safety specification for toy safety," Section 4.3.5.2  - Soluble Heavy Metals content	PASS
7)	Submitted sample	ASTM F963-23 "Standard consumer safety specification for toy safety," Section 4.3.8 - Phthalates	PASS
8)	Submitted sample	Consumer Product Safety Improvement Act of 2008(CPSIA), section 101 (a)(2)  - Total Lead (Pb) in accessible substrate materials	PASS
9)	Submitted sample	Consumer Product Safety Improvement Act of (CPSIA)and its amendment 16 CFR 1307 - Phthalates	PASS
10)	Submitted sample	Washington's Children's Safe Products Act (or CSPA)-RCW 70A.430.020 - Total Cadmium content	PASS



11)	Submitted sample	As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.(For Packaging)	PASS
	0 0 0	CPSC 16 CFR 1303: Ban of Lead-containing paint and certain	0 0 0
12)	Submitted sample	consumer products bearing lead-containing paint	Not Applicable
2	0 0 0 0	- Total Lead (Pb)	0 0 0

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



#### Test Result(s):

#### 1) ASTM F963-23 American Standard Consumer Safety Specification for Toy Safety

Mechanical and Physical Properties

Section	Test Item	Assessment
4.1	Material quality	PASS
4.3.7	Stuffing Materials	0 N.A.
4.4	Electrical/Thermal Energy	N.A.
4.5	Sound-producing toys	N.A.
4.6	Small objects	
4.6.1	Toys intended for children under 36 months of age	PASS
4.6.2	Mouth actuated toys	N.A.
4.7	Accessible edges (For children under 96 months)	PASS
4.8	Projections (For children under 96 months)	O N.A.
4.9	Accessible points (For children under 96 months)	PASS
4.10	Wires or rods	N.A.
4.11	Nails and fasteners	N.A.
4.12	Plastic film	N.A.
4.13	Folding mechanisms and hinges	N.A.
4.14	Cords, Straps, and Elastics	N.A.
4.15	Stability and Over-Load Requirements	N.A.
4.16	Confined Spaces	N.A.
4.17	Wheels, Tires, and Axles	N.A.
4.18	Holes, clearance, and accessibility of mechanisms	N.A.
4.19	Simulated Protective Devices (such as helmets, hats,and goggles)	N.A.
4.20	Pacifiers (For children under 36 months of age)	N.A.
4.21	Projectile toys	N.A.
4.22	Teethers and Teething Toys	N.A.
4.23	Rattles (For children under 18 months)	N.A.
4.24	Squeeze Toys (For children under 18 months)	N.A.
4.25	Battery operated toys	N.A.
4.26	Toys intended to be attached to a crib or playpen	N.A.
4.27	Stuffed and beanbag type toys	N.A.
4.28	Stroller and carriage toys	N.A.



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Section	Test Item	Assessment
4.29	Art Materials (For label)	N.A.
4.30	Toy gun marking	N.A.
4.32	Certain toys with nearly spherical ends	N.A.
4.34	Balls	\$ 8 8 8
4.34.1	Balls intended for children under 36 months of age	0 N.A.O
4.35	Pompoms (For children under 3 years)	N.A.
4.36	Hemispherical shaped objects (For children under 3 years of age)	N.A.
4.37	Yo-Yo elastic tether toys (For children 36 months and over)	N.A.
4.38	Magnets	N.A.
4.39	Jaw entrapment in handles and steering wheels (For children under 18 months)	N.A.
4.40	Expanding Materials	O N.A.O
4.41	Toy Chests	N.A.
5,50	Labeling Requirements	o No No
5.1	Federal Government Requirements	PASS
5.1.1	All toys that fall within the definitions and requirements of the U.S.FHSA shall conform to the labeling requirement	PASS
6,	Tracking label on the product	N.A.
	Tracking label on the packaging	PASS
	Name of the manufacture or the name of the private labeler	PASS
5.1.2	Manufacture location	PASS
	Date of the production of the product	PASS
	The cohort information	PASS
	Permanent remark	PASS
5.4	Aquatic toys	N.A.
5.5	Crib and Playpen Toys	N.A.
5.6	Mobile	N.A.
5.7	Stroller and carriage toys	N.A.
5.8	Toys intended to be assembled by an adult	N.A.
5.9	Simulated protective devices	N.A.
5.10	Toys with functional sharp edges or points	0 N.A.
5.11	Small objects, small balls, marbles, and balloons	N.A.



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Section	Test Item	Assessment
5.12	Toy caps	N.A.
5.13	Art materials	N.A.
5.14	Electric toys	N.A.
5.15	Battery operated toys	N.A.
5.16	Promotional materials	PASS
5.17	Magnets (For children over 96 months)	N.A.
6	Instructional Literature	
6.1	Definition and description	PASS
6.2	Crib and playpen toys	N.A.
6.3	Mobiles	N.A.
6.4	Toys intended to be assembled by an adult	N.A.
6.5	Battery operated toys	N.A.
6.6	Battery Powered Ride-on Toys	N.A.
6.7	Toys in contact with food	N.A.
6.8	Toy Chests	N.A.
7	Producer's marking	
×0,4×0	Name of the producer or the distributor	YES
7.1	Address of the producer or the distributor	YES
7.2	Battery powered ride on toys	N.A.
7.3	Toy Chests	N.A.

Note: 1. N.A.= 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:

Test Items	FHSA	Parameter
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



#### Test Result(s):

#### 2) ASTM F963-23 American Standard Consumer Safety Specification for Toy Safety

Flammability of Solids and Soft Toys

Sample	Ignition Points	Burn Length (in.)	Burn Time (sec.)	Burn Rate(in./sec.)	Limit (in./sec.)
Silicone Tableware	Edge	, 0 0 , O	0 20 20	O DNI	0.1

Note: 1. DNI = Did Not Ignite

All styles of submitted sample(s) (and its accessories) was/were tested, the above result only showed the most severe burn rate.

#### 3) U.S. Federal Hazardous Substances Act (FHSA) CPSC 16 CFR 1500.3(c)(6)(vi)

Flammability of Solids

Method: CPSC 16 CFR 1500.44

Sample	Ignition Points	Burn Length (in.)	Burn Time (sec.)	Burn Rate(in./sec.)	Limit (in./sec.)
Silicone Tableware	Edge	0 0	0 0	DNI	0.1

Note: 1. DNI = Did Not Ignite.

All styles of submitted sample(s) (and its accessories) was/were tested, the above result only showed the most severe burn rate.



#### Test Result(s):

#### 4) CPSC 16 CFR 1500.48, CPSC 16 CFR 1500.49, CPSC 16 CFR 1501

Sharp Points, Sharp Edges, Small Parts

40 40 40	Sharp Points (1500.48)	Sharp Edges (1500.49)	Small Parts (1501)
As received	PASS	PASS	N.A.
Impact test (1500.5 <u>1(</u> b))	PASS	PASS	N.A.
Bite test (1500.5 <u>/(</u> c))	N.A.	N.A.	N.A.
Flexure test (1500.5 <u>/(</u> d))	N.A.	N.A.	N.A.
Torque test (1500.5 <u>3(</u> e))	PASS	PASS	0 N.A. 0 0
Tension test (1500.5 <u>3</u> (f))	PASS	PASS	N.A.
Compression test (1500.5/(g))	N.A.	N.A.	N.A.

N.A. = Not Applicable

Note:

2. 16 CFR 1501 Exemption: Feeding products.

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:

Test Items
FHSA
Parameter

Impact 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



#### Test Result(s):

#### 5) ASTM F963-23"Standard consumer safety specification for toy safety," Section 4.3.5.2.

Total Lead content in substrate material

<u>Method:</u> ASTM F963-23 Section 8.3.1, was analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	MDL (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
8' 81 8'	5	100	N.D.	PASS

Note: 1. mg/kg = milligram per kilogram (ppm).

2. N.D. = Not Detected (< MDL).

3. MDL = Method Detection Limit.

#### 6) ASTM F963-23 "Standard consumer safety specification for toy safety," Section 4.3.5.2

Soluble Heavy Metals content

<u>Method:</u> ASTM F963-23 Section 8.3.2 to Section 8.3.5, was analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Elements	Sb	As	Ba	Cd	○ Cr	Pb	Hg	Se	o so so
Limit (mg/kg)	60	25	1000	75	60	90	60	500	0
MDL (mg/kg)	5	2.5	5	5	5	5	5	5	Conclusion
Material No.	<0 <0	χG .	ZO ZO	Result	(mg/kg)	X0 X	0 20	20 X	0 20 20
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

Note: 1. mg/kg = milligram per kilogram (ppm).

- N.D. = Not Detected (< MDL).</li>
- MDL = Method Detection Limit.
- All the reported results are adjusted analytical results with the analytical correction shown in the following table.

Element	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Analytical correction (%)	60	60	30	30	30	30	50	60



#### Test Result(s):

#### 7) ASTM F963-23 "Standard consumer safety specification for toy safety," Section 4.3.8

**Phthalates** 

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

	OAC No	MDL (mg/kg)		Result (mg/kg)	
Substance name	CAS No.		Limit (mg/kg)		
Di (2-ehylhexy)phthalate (DEHP)	117-81-7	50	1000	N.D.	
Dibutylphalate(DBP)	84-74-2	50	1000	O N.D.O	
Butylbenzylphthalate (BBP)	85-68-7	50	1000	N.D.	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	100	1000	N.D.	
Diisobutylphthalate (DIBP)	84-69-5	50	1000	N.D.	
Di-n-pentylphthalate (DPENP)	131-18-0	50	1000	O CN.D.O	
Dihexyl phthalate(DHEXP)	84-75-3	50	1000	N.D.	
Dicyclohexyl phthalate (DCHP)	84-61-7	50	1000	O N.D.O	
X X X X X X	Conclusion	× × ×	X X X	PASS	

Note: 1. mg/kg = milligram per kilogram (ppm).

2. N.D. = Not Detected (< MDL).

3. MDL = Method Detection Limit.

4. 1000 mg/kg = 0.1%

#### 8) Consumer Product Safety Improvement Act of 2008(CPSIA), section 101 (a)(2)

The Lead content of accessible substrate materials

Method:

Nonmetal - CPSC-CH-E1002-08.3

Analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	MDL (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
1.	5	100	N.D.	PASS

Note:

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



#### Test Result(s):

### 9) Consumer Product Safety Improvement Act of (CPSIA) and its amendment 16 CFR 1307 Phthalates

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

	OAON- MDI (v. v./l.s.)		Result (mg/kg)		
Substance name	CAS No.	MDL (mg/kg)	Limit (mg/kg)	.a .a 1.a .a	
Di (2-ehylhexy)phthalate (DEHP)	117-81-7	50	1000	N.D.	
Dibutylphalate(DBP)	84-74-2	50	1000	O ON.D.O	
Butylbenzylphthalate (BBP)	85-68-7	50	1000	N.D.	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	100	1000	N.D.	
Diisobutylphthalate (DIBP)	84-69-5	50	1000	N.D.	
Di-n-pentylphthalate (DPENP)	131-18-0	50	1000	N.D.	
Dihexyl phthalate(DHEXP)	84-75-3	50	1000	N.D.	
Dicyclohexyl phthalate (DCHP)	84-61-7	50	1000	O ON.D.O	
8, 8, 8, 8, 8, 8,	Conclusion	8, 8, 8,	6. 6.	PASS	

Note: 1. mg/kg = milligram per kilogram (ppm).

- 2. N.D. = Not Detected (< MDL).
- 3. MDL = Method Detection Limit.
- 4. 1000mg/kg = 0.1%

#### 10) Washington's Children's Safe Products Act (or CSPA)-RCW 70A.430.020

**Total Cadmium content** 

<u>Method:</u> with reference to IEC 62321-5:2013, was analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Material No.	MDL (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Conclusion
.a. 1a .a.	5	40	N.D.	PASS

Note: 1.0 mg/kg = milligram per kilogram (ppm).

- 2. N.D. = Not Detected (< MDL).
- 3. MDL = Method Detection Limit.



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#### Test Result(s):

11) As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.(For Packaging)

Tracking label on the packaging

Requirement	8,	Result
Name of the manufacture or the name of the private labeler		PASS
Manufacture location, including the name of the city and country, or the name of other means of coding of city and state	\$KC	PASS
Date of the production of the product: Month /Year, or any other coding system	50	PASS
The cohort information(including the batch, run number, or other identifying characteristic)	¿CO	PASS
Permanent remark		PASS

Note: 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.

#### **Test Material List:**

The following materials apply only to the samples submitted for testing

Material No.	Description	Location C
1	Purple silicone	Bowl

Remark: This report supersedes all previous documents bearing the test report number PTC24040710807C-EN01. Report number PTC24040710807C-EN01 was invalid.

http://www.ptc-testing.com



#### Photo(s) of Sample:



Manufacturer: <u>Huizhou Wo</u> Manufacturing Co., Ltd

Address: Building 62, 63, 64, Longmenhong Industrial Zone, Huizhou Industrial Transfer Industrial

Park,Longmen County,Huizhou ,China 516800

Made in China

Production date: 2024.4.7 Production batch: 2024040007

\*\*\*End of Report\*\*\*



### Precise Testing & Certification (Guangdong) Co., Ltd. (PTC)

### Description of the PTC24040710807C-EN01V01 test report

#### Photo(s) provided by the client:











































































































































































































































