

# Test Report

No.: 68.452.23.2607.01BR2

Date: 2024-10-29



**Applicant:** HEORSHE GLOBAL LIMITED  
**Address:** UNIT 616, 6/F., KAM TEEM INDUSTRIAL BUILDING, 135 CONNAUGHT ROAD WEST, SAI YING PUN, HK  
**Product Name:** DENTAL-CARE SIPPY CUP  
**End Use:** BABY BOTTLE  
**Style No.:** HOS-02-014-S(W)/HOS-02-014-S(P)/HOS-02-014-S(G)/HOS-02-014-S(B)/HOS-02-014-L(W)/HOS-02-014-L(P)/HOS-02-014-L(G)/HOS-02-014-L(B)/HOS-02-015-S1/HOS-02-015-S2/HOS-02-016-S1/HOS-02-016-S2  
**Supplier:** Hunan Heorshe Import & Export Co.,Ltd  
**Manufacturer:** Hunan Heorshe Import & Export Co.,Ltd  
**Country of Origin:** CHINA  
**Country of Destination:** /  
**Receipt Date of Sample:** 2023-12-20,2023-12-21, 2024-01-05  
**Date of Testing:** 2023-12-20 ~ 2024-01-22  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

Test Item	Conclusion
1. Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking labels for children's products	Pass
2. CPSC Mechanical and Physical Properties (Excluding tools)	Pass
3. CPSC Flammability	Pass
4. CPSIA section 101(a)(2) - Total Lead Content(Substrate)	Pass
5. CPSIA, § 108, 16 CFR 1307- Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
6. FDA CFR Title 21 Part 177.2600	Pass
7. FDA 21 CFR Part 177.1655	Pass

Remarks: 1. MDL = Method Detection Limit  
2. ND = Not Detected (<MDL)  
3. ≤ Less than  
4. 1 mg/kg = 1 ppm = 0.0001%  
5. This report supersedes previous report 68.452.23.2607.01BR1 issued on 2024-10-24. As per client's request, the product information shown on page 1 were updated.

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
Testing Center

Prepared by:

Authorized by:



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Project Manager

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Coordinator  
(For Chemical)

**Kionna Lin**  
Project Manager  
(For Physical and Mechanical)

## Note:

- (1) The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied.  
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For further details, please see "Testing and certification regulation", chapter A-3.4  
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- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) If relevant standards do not specify decision rule(s), follow decision rule as below:
  - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
  - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.

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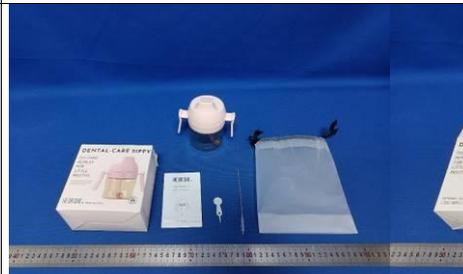
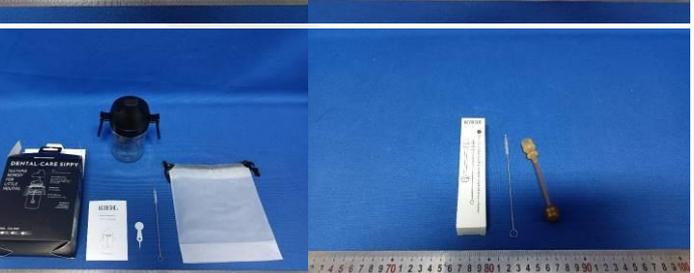
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Description of Tested Subject:

Sample	Description	Photo
Whole product		
		
		
		
		

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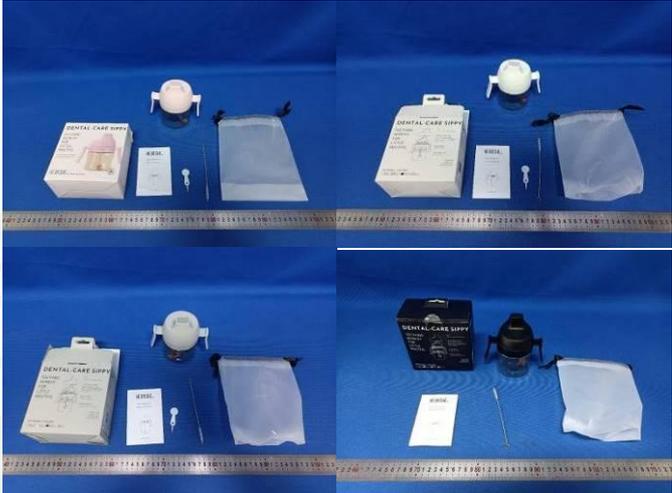
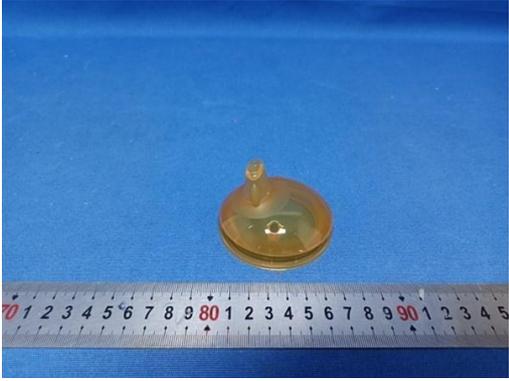
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Sample	Description	Photo
001	Dental-care sippy cup (Whole product) (Pink/ White/ Black/ Grey style-290ml)	
002	Dental-care sippy cup (Whole product) (Pink/ White/ Black/ Grey style-200ml)	
004	Transparent tan silicone (Nipple)	

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Sample	Description	Photo
005	Black PP plastic (Lid & screw cap with handle)	
006	White PP plastic (Lid & screw cap with handle)	
007	Pink PP plastic (Lid & screw cap with handle)	
008	Grey PP plastic (Lid & screw cap with handle)	
009	Transparent PPSU plastic w/ grey printing (Body)	

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Sample	Description	Photo
010	Transparent tan PPSU (Inner of 290ml cup)	
011	Transparent tan PPSU (Inner of 200ml cup)	

T. No	Sample	Description
T1	001	Dental-care sippy cup (Whole product) (Pink/ White/ Black/ Grey style-290ml)
T2	002	Dental-care sippy cup (Whole product) (Pink/ White/ Black/ Grey style-200ml)
T3	004	Transparent tan silicone (Nipple)
T4	005	Black PP plastic (Lid & screw cap with handle)
T5	006	White PP plastic (Lid & screw cap with handle)
T6	007	Pink PP plastic (Lid & screw cap with handle)
T7	008	Grey PP plastic (Lid & screw cap with handle)
T8	009	Transparent PPSU plastic w/ grey printing (Body)
T9	010	Transparent tan PPSU (Inner of 290ml cup)
T10	011	Transparent tan PPSU (Inner of 200ml cup)

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## Test Result(s):

1. Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking labels for children's products

Section	Requirement	Evaluation
Tracking labels for children's products	A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product.	P

### Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

### Note:

The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

2. CPSC Mechanical and Physical Properties (Excluding tools)

As per U.S. Code of Federal Regulations title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Sample	001, 002
Labelled age range	001:9m+, 002: 6m+
Age range for testing as per client's request	From 6 months to 6 years

	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As Received	P	P	NA
Impact (1500.51(b))	P	P	NA
Flexure (1500.53(d))	NA	NA	NA
Torque (1500.53(e))	P	P	NA
Tension (1500.52(f))	P	P	NA
Compression (1500.53(g))	P	P	NA

### Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

3. CPSC Flammability

As per U.S. Code of Federal Regulations title 16 Part 1500.44 for rigid and pliable solids.

Sample: 001, 002

Result: Average burn rate < 0.1 inch/sec.

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4. CPSIA section 101(a)(2) - Total Lead Content(Substrate)

Test with reference to CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
004	mg/kg	10.0	100	ND	Pass
005+006	mg/kg	10.0	100	ND	Pass
007+008	mg/kg	10.0	100	ND	Pass
009	mg/kg	10.0	100	ND	Pass

5. CPSIA, § 108, 16 CFR 1307- Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test with reference to CPSC-CH-C1001-09.4:2018, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004	005+006
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	ND	ND
Di-n-pentyl phthalates (DPENP)	131-18-0	%	0.005	0.1	ND	ND
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007+008	009
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	ND	ND
Di-n-pentyl phthalates (DPENP)	131-18-0	%	0.005	0.1	ND	ND
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

## 6. FDA CFR Title 21 Part 177.2600

Test for compliance with the selected requirement(s) in U.S. F.D.A. C.F.R. 21. Part 177.2600

SIMULANT USED	TEST CONDITIONS	RESULTS [mg/in <sup>2</sup> ]		CFR Specification [mg/in <sup>2</sup> ]
		SAMPLE		
		001		
Distilled water	Reflux for 7 hours	<1.0		20
n-hexane	Reflux for 7 hours	22.1		175
Distilled water	Reflux for succeeding 2 hours	<0.1		1
n-hexane	Reflux for succeeding 2 hours	1.5		4
<b>Conclusion</b>		Pass		-

Note:

1. "mg/in<sup>2</sup>" denotes milligram per square inch
2. "<" denotes less than
3. The specification is quoted from U.S. F.D.A. C.F.R. 21. Part 177.2600

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7. FDA 21 CFR Part 177.1655

Test for compliance with the selected requirement(s) in U.S. F.D.A. C.F.R. 21. Part 177.1655

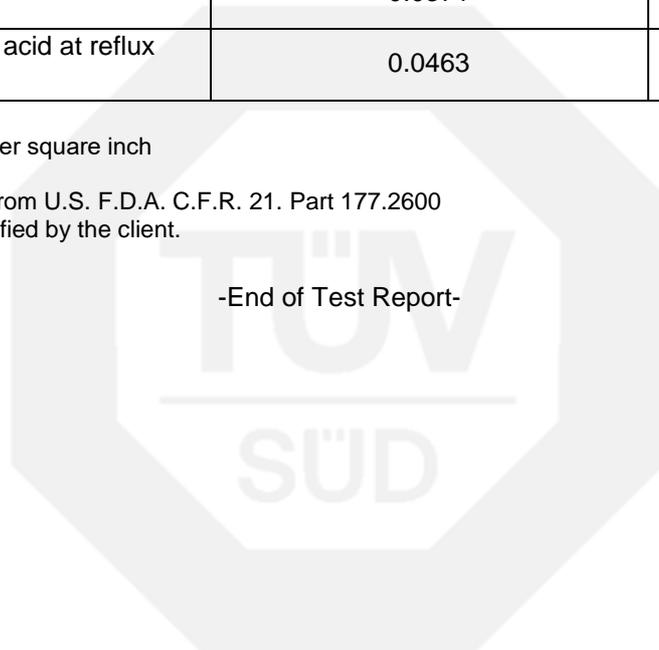
Test Item(s)	Result(s) [mg/in <sup>2</sup> ]	FDA Specification [mg/in <sup>2</sup> ]
	010	
Total extractives in Distilled Water at reflux temperature for 6 hours	0.0185	0.05

Test Item(s)	Result(s) [mg/in <sup>2</sup> ]	FDA Specification [mg/in <sup>2</sup> ]
	011	
Total extractives in 50% Ethanol at reflux temperature for 6 hours	0.0417	0.05
Total extractives in n-Heptane at reflux temperature for 6 hours	0.0371	0.05
Total extractives in 3% Acetic acid at reflux temperature for 6 hours	0.0463	0.05

Note:

1. "mg/in<sup>2</sup>" denotes milligram per square inch
2. "<" denotes less than
3. The specification is quoted from U.S. F.D.A. C.F.R. 21. Part 177.2600
4. The test condition was specified by the client.

-End of Test Report-



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