

Test Report

No.: 68.452.23.2393.01S2R2

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: GALAXY TEETHER
Style No.: HOS-05-001(P) / HOS-05-001(G) / HOS-05-001(B)
Supplier: Hunan Heorshe Import & Export Co., Ltd
Country of Origin: CHINA
Country of Destination: /
Receipt Date of Sample: 2023-11-14, 2023-11-27, 2023-11-28
Date of Testing: 2023-11-16 ~ 2023-11-30
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	Pass
3. CPSC Flammability	Pass
4. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical	Pass
5. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials	Pass
6. ASTM F963-17 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)	Pass
7. ASTM F963-17 Section 4.3.5.1 & Section 4.3.5.2 - Soluble Heavy Elements	Pass
8. CPSIA section 101(a)(2) - Total Lead Content(Substrate)	Pass
9. CPSIA, § 108, 16 CFR 1307- Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
10. US California Proposition 65 (Alameda County Superior Court RG-07-356892) - Total Lead Content	Pass
11. US California Proposition 65 (Alameda BG07350969) - Phthalates Content	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. The test samples were specified by the client.
6. This report supersedes previous report 68.452.23.2393.01S2R1 issued on 2024-10-24. As per client's request, the product information shown on page 1 were revised.

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Lab 2 - Physical & mechanical testing

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

Prepared by:

Authorized by:

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(For Chemical)

Kionna Lin
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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
For full version, please visit: EN : <https://www.tuvsud.cn/zh-cn/resource/terms-and-conditions---en> ; SCN: <https://www.tuvsud.cn/zh-cn/terms-and-conditions> ; TCN: <https://www.tuvsud.com/zh-tw/terms-and-conditions>
- (2) The results relate only to the Items tested.
- (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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Description of Tested Subject:

Sample	Description	Photo
A	Whole product	
001	Galaxy Teether (Grey) (Finished product)	
002	Galaxy Teether (Pink) (Finished product)	

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Sample	Description	Photo
005	White soft plastic (Teether)	
006	Grey soft plastic (Teether)	
007	Translucent white soft plastic (Teether)	
008	Translucent pink soft plastic (Teether)	
009	Translucent dark grey soft plastic (Teether)	
011	Grey plastic (Ball)	
012	Pink soft plastic (Teether)	
014	Pink plastic (Ball)	

T. No	Sample	Description
T1	001	Galaxy Teether (Grey) (Finished product)
T2	002	Galaxy Teether (Pink) (Finished product)
T3	005	White soft plastic (Teether)
T4	006	Grey soft plastic (Teether)
T5	007	Translucent white soft plastic (Teether)
T6	008	Translucent pink soft plastic (Teether)
T7	009	Translucent dark grey soft plastic (Teether)
T8	011	Grey plastic (Ball)
T9	012	Pink soft plastic (Teether)
T10	014	Pink plastic (Ball)

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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

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	6m+
Requested age range	6m+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As Received	P	NA	P
Impact (1500.51(b))	P	NA	P
Flexure (1500.53(d))	NA	NA	NA
Torque (1500.53(e))	P	NA	P
Tension (1500.52(f))	P	NA	P
Compression (1500.53(g))	NA	NA	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: Did Not Ignite

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4. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical

Sample	001, 002
Labelled age range	6m+
Requested age range	6m+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
4	Safety Requirements	--
4.1	Material quality	P
4.5	Sound-Producing toys	P
4.6	Small Objects	P
4.7	Accessible Edges	P
4.9	Accessible Points	P
4.12	Plastic Film	P
4.14	Cords, Straps, and Elastics	P
4.22	Teethers and Teething Toys	P
5	Labeling Requirements	--
5.2	Age Grading Labeling	P
5.16	Promotional Materials	P
6	Instructional Literature	--
6.1	Definition and Description	P
7	Producer's Markings	--
7.1	Name and Address of the Producer or Distributor	P

Abbreviation:

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

Note:

Only applicable sections were shown.

5. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials

As per Section 4.2 of ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Sample: 001, 002

Result: Did Not Ignite

6. ASTM F963-17 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)

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

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005+006+012	mg/kg	10.0	100	ND	Pass
007+008+009	mg/kg	10.0	100	ND	Pass
011+014	mg/kg	10.0	100	ND	Pass

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7. ASTM F963-17 Section 4.3.5.1 & Section 4.3.5.2 - Soluble Heavy Elements

Test with reference to ASTM F963-17 Section 8.3, analysis was performed by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			005	006
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			007	008
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			009	011
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			012	014
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Note: 1. Adjusted analytical result.

8. 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
005+006+012	mg/kg	10.0	100	ND	Pass
007+008+009	mg/kg	10.0	100	ND	Pass
011+014	mg/kg	10.0	100	ND	Pass

9. 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)	
					005+006+012	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
Conclusion					Pass	Pass

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					011+014
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.005	0.1	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND
Di-isononyl phthalate, (DINP)	28553-12-0	%	0.005	0.1	ND
Di-n-pentyl phthalates (DPENP)	131-18-0	%	0.005	0.1	ND
Conclusion					Pass

10. US California Proposition 65 (Alameda County Superior Court RG-07-356892) - Total Lead Content

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

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005+006+012	mg/kg	10.0	100	ND	Pass
007+008+009	mg/kg	10.0	100	ND	Pass
011+014	mg/kg	10.0	100	ND	Pass

11. US California Proposition 65 (Alameda BG07350969) - Phthalates Content

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

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+012	007+008+009
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
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
Di-isodecyl phthalate, (DIDP)	26761-40-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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					011+014
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND
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Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND
Conclusion					Pass

-End of Test Report-



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