



Vantin Testing



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国际互认
检测
TESTING
CNAS L9713

Test Report

Report No.: W2214150

Date: 2022-11-17

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Applicant : ZHANGZHOU CAISHI E-COMMERCE CO., LTD.

Address : YUANHOU VILLAGE, JIUHU TOWN, LONGHAI CITY, FUJIAN PROVINCE

Sample Description:

Name of Product / Item : Temperature Sensing Wash-Up Kitchen Sink
Item No. : CS181001(Blue),CS181002,CS181003,CS181004,CS181005,
CS181006,CS181007,CS181008,CS181101,CS181102,CS181103,
CS181104,CS181201,CS181202,CS181203,CS181204,CS181301,
CS181302,CS181303,CS181304,CS181305

Manufacturer : Zhangzhou Caishi E-Commerce Co.,Ltd
Above sample information was submitted and/or identified by client

Quantity of Sample : 4 sets
Other Information : WT20211109033-01
Labeled Age Grading : 3+ Ages
Requested Age Grading : 3+
Age Group Assessed As Per Age Guideline : Over 3 years
Age Group Applied in Testing : Over 3 years
Sample Receiving Date : 2021-11-09
Sample Resubmitted Date : 2021-11-15, 2021-11-18
Testing Period : 2021-11-09 TO 2021-11-23
Power Source : 2 X 1.5V AA for No.CS181001

TEST REQUESTED

Standard of Consumer Safety Specification for Toy Safety :

- ASTM F963-17 : Physical and Mechanical Tests
- ASTM F963-17 : Clause 4.2 Flammability Test
- ASTM F963-17 : Clause 4.3.5 Heavy elements
- ASTM F963-17 : Clause 4.25 Battery-Operated Toys

CONCLUSION

PASS
PASS
PASS
PASS

**** AS REQUESTED BY THE APPLICANT, PLEASE REFER TO THE FOLLOWING PAGE(S) FOR DETAILS****

Signed for and on behalf of
Guangdong Vantin Testing Co., Ltd.
Shantou Branch



Nancy

Nancy Wang
Toy Laboratory Manager



scan to see the report

Guangdong Vantin Testing Co., Ltd. Shantou Branch

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This document cannot be reproduced except in full, without prior approval of our laboratory. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.



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ASTM F963 - 17 Standard Consumer Safety Specification for Toy Safety

As specified in ASTM F963-17 Standard Consumer Safety Specification for Toys Safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	<u>Safety Requirements</u>	
4.1	Material Quality	Pass
4.2	Flammability Test	Pass Refer to Appendix 1 for details
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials on the tested specimen(s)	Pass Refer to Appendix 2 for details
4.3.5.2	Heavy Elements in Substrate Materials on the tested specimen(s)	Pass Refer to Appendix 2 for details
4.7	Accessible Edges	
4.7.1	Accessible sharp edges of metal or glass	Pass
4.7.4	Edges on molded toys	Pass
4.8	Projections	Pass
4.9	Accessible Points	
4.9.1	Accessible Sharp Points	Pass
4.11	Nails & Fasteners	Pass
4.12	Plastic Film	Pass*
4.18	Holes, Clearance & Accessibility of Mechanisms	
4.18.2	Circular Holes in Rigid Materials	Pass
4.18.4	Inaccessibility of Mechanisms	Pass



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<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.25	Battery-Operated Toys	Pass Refer to Appendix 3 for details
5.	<u>Safety Labeling Requirements</u>	Pass
6.	<u>Instructional Literature</u>	
6.1	Definition and Description	Pass
6.5	Battery-Operated Toys	Pass
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings	Pass
8.	<u>Test Method</u>	
8.5	Normal Use Testing	Pass
8.6	Abuse Test	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.10	Compression Test	Pass

Note:

- Only applicable clauses was/were shown.
- * The test results are determined by the sample submitted by the client on 2021-11-15.



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Appendix 1:

Flammability Test (Clause 4.2)

A5. Flammability Testing procedure for Solids and Soft Toys

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
Water channel	DNI	0.1
Food series	DNI	0.1
Tableware series	DNI	0.1
Bottle series	DNI	0.1

Requirement

<u>Classification:</u>	<u>Acceptable Criteria</u>
Solid and Soft goods	DNI/ IBE Burning Rate ≤ 0.1 in/sec.

* The submitted sample(s) was/were tested, the above result only showed the most severe burn rate of the sample(s).

- DNI = Did Not Ignite
- IBE = Ignite But Self-Extinguished
- Ave. = Average



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Appendix 2:

ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

▼ Heavy elements test - Total Lead content

Method: ASTM F963-17 Clause 8.3

The item(s) was/were analyzed by ICP-OES.

Paint and similar surface coating materials:

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>		<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	3	8		
Total Lead (Pb)	N.D.	N.D.	5	90

Toy substrate materials:

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>							<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	1	2	4	5	6	7	9		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	100

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>							<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	10	11	12	13	14	15	16		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	100

Specimen Description:

- 1 Pink plastic
- 2 Gray plastic
- 3 Green coating (Sample Resubmitted Date:2021-1-18)
- 4 Beige plastic
- 5 Multicolor sticker
- 6 Brown plastic
- 7 Orange plastic
- 8 White coating (Sample Resubmitted Date:2021-1-18)
- 9 Flesh plastic
- 10 Green plastic
- 11 Red plastic
- 12 Blue plastic



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- 13 Rose red plastic
- 14 Light blue plastic
- 15 Yellow plastic
- 16 White plastic

Note:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- As per client's request, test conducted on specified materials.



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▼ Heavy elements test – Migration of certain elements

Method: ASTM F963-17 Clause 8.3

The item(s) was/were analyzed by ICP-OES.

Surface Coatings and Substrates Other than Modeling Clay Included as Part of a Toy:

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	17	18	19	20	21		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	5	500

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	22	23	24	25	26		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	5	500



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Tested Item(s)	Result (mg/kg)						MDL (mg/kg)	Limit (mg/kg)
	27	28	29	30	31	32		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	500

Specimen Description:

- 17 Pink plastic
- 18 Gray plastic
- 19 Green coating (sample weight: 79.4mg)
- 20 Beige plastic
- 21 Multicolor sticker
- 22 Brown plastic
- 23 Orange plastic
- 24 White coating (sample weight: 10.4mg)
- 25 Flesh plastic
- 26 Green plastic
- 27 Red plastic
- 28 Blue plastic
- 29 Rose red plastic
- 30 Light blue plastic
- 31 Yellow plastic
- 32 White plastic

Note:

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



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- mg/kg = ppm = parts per million
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical Correction factor (excluding special soluble Cadmium result).
- Filter paper was used instead of 0.45µm membrane filter in lab testing.
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.
- As per client's request, test conducted on specified materials.



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Appendix 3:

Battery-Operated Toys (Clause 4.25)

As specified in ASTM F963-17 Standard Consumer Safety Specification for Toys Safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	<u>Safety Requirements</u>	
4.25	Battery-Operated Toy	Pass
4.25.1	Marking on battery compartment	Pass
4.25.2	Maximum allowable direct current potential	Pass
4.25.3	Protection against charging non-rechargeable battery	Pass
4.25.6	Isolation of batteries of different types or capacities	Pass
4.25.7	Temperature of battery surface	Pass
4.25.8	Overheating or combustion hazard after normal use and abuse test	Pass
4.25.9	Instruction on safe battery usage	Pass

Note:

- Only applicable clauses was/were shown.
- All result(s) is(are) extracted from report No.:W2111221, where the sample(s)/material(s) of sample is(are) claimed to be identical.



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Sample Photo



Vantin Testing authenticate the photo on original report only

*** End of Report ***