



TEST REPORT

Report No:ZYT-230907006-02R

Date:September 7,2023

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Applicant: Shantou Chenghai District Jinniu handicraft factory
Address: Guangfeng Industrial Zone, Dengfeng Road, Guangyi Street, Chenghai District, Shantou City, Guangdong Province
Manufacturer: Shantou Chenghai District Jinniu handicraft factory
Address: Guangfeng Industrial Zone, Dengfeng Road, Guangyi Street, Chenghai District, Shantou City, Guangdong Province

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:

Sample Name: Hand warmer

Model No :PCX168138 、 PCX168138A 、 PCX168138B 、 PCX168138C 、 PCX168138D 、 PCX168139、 PCX168139A、 PCX2022001、 PCX2022002、 PCX2022003、 PCX2022004、 PCX2022005、 PCX2022006、 PCX2022007、 PCX2022008、 PCX2022009、 PCX2022010、 PCX8001、 PCX8002、 PCX8003、 PCX8004、 PCX8005、 PCX8006、 PCX8007、 PCX8008、 PCX8009、 PCX8010、 PCX8011、 PCX8012、 PCX8013、 PCX8014、 PCX8015、 PCX8016、 PCX8017、 PCX8018、 PCX8019、 PCX8020、 PCX8021、 PCX8022、 PCX8023、 PCX8024、 PCX8034、 PCX8035、 PCX8036、 PCX8037、 PCX8038、 PCX8039、 PCX8040、 PCX8041、 PCX8042、 PCX8043、 PCX8044、 PCX8045、 PCX8046、 PCX8047、 PCX8048、 PCX8049、 PCX8050、 PCX8051

Requested Age Grading: 8+ Age
 Test Age Grading: 8+ Age
 Sample Received Date: August 30,2023
 Testing Period: August 30-September 7,2023

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

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Submitted sample	EN 71-1:2014+A1:2018, European Standard Safety of toys -Part 1:Mechanical and Physical Properties (Excluding Section 7.1)	PASS
2	Submitted sample	EN 71-2:2011 +A1:2014. European Standard Safety of toys Part 2: Flammability	PASS
3	Tested materials of submitted samples	EN 71-3:2019 Migration of certain elements (CategoryIII)	PASS

Tested By: *theasul*

Checked By: *Jack*

Approved By: *Larson Liang* Date of issue: September 7, 2023



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Test Method:

1. Mechanical and Physical Hazards (EN71-Part 1)

Section	Testing Items	Assessment
4	General requirements	PASS
4.1	Material cleanliness	PASS
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.14.1	Toys which a child can enter	NA
4.14.1 a)and b)	For toys having a door, lid or similar device	NA
4.14.1 c)	Toy chest	NA
4.14.2	Masks and helmets	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA

Note:

1. The Toy Safety Directive 2009/48/EC contains marking and labelling requirements with respect to CE marking, manufacturer's/importer's details and identification of the toy. These are not part of the EN 71 requirements but are legally required. These details should be affixed to the toy, however the details may exceptionally be moved from the toy to the packaging if this rule cannot be followed. As per client's request, exclude clause 7
2. The slivery sequin was detached at 83N durina tension test. which became small part. There should be appropriate age warning on toy or its packaging. As per client's request, exclude clause 7.1 & 7.2
3. The slivery seauin was detached at 83N during tension test, which became small part. There shoule be appropriate age warning "Warnina! Not suitable for children under 36 months" on toy or its packaging

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2. Flammability of Toys (EN71-Part 2)

Clause	Description	Result
4.1	General requirements	Pass

Note:

we have adopted the test method of EN71-Part2: 2011 +A1:2014 Flammability to perform the above test and get the conclusion refer to EN71-Part2:2011+A1:2014 Flammability

3. Migration of Certain Elements (EN71-Part 3)

Substance	RL(mg/kg)	Limit (mg/kg)	Result (mg/kg)
Aluminium (Al)	5	70000	N.D.
Arsenic (As)	2.5	47	N.D.
Boron (B)	5	15000	N.D.
Barium (Ba)	5	18750	N.D.
Cadmium (Cd)	5	17	N.D.
Cadmium (Cd)	5	130	N.D.
Chromium	2.0	--	N.D.
Chromium (III)	2.0	460	N.D.
Chromium (VI)	0.025	0.053	N.D.
Copper (Cu)	5	7700	N.D.
Mercury (Hg)	5	94	N.D.
Manganese (Mn)	5	15000	N.D.
Nickel (Ni)	5	930	N.D.
Lead (Pb)	5	23	N.D.
Antimony (Sb)	5	560	N.D.
Selenium (Se)	5	460	N.D.
Tin (Sn)	2.5	180000	N.D.
Strontium (Sr)	5	56000	N.D.
Zinc (Zn)	5	46000	N.D.
Organic tin	2.5	12	N.D.
Conclusion(s)			PASS

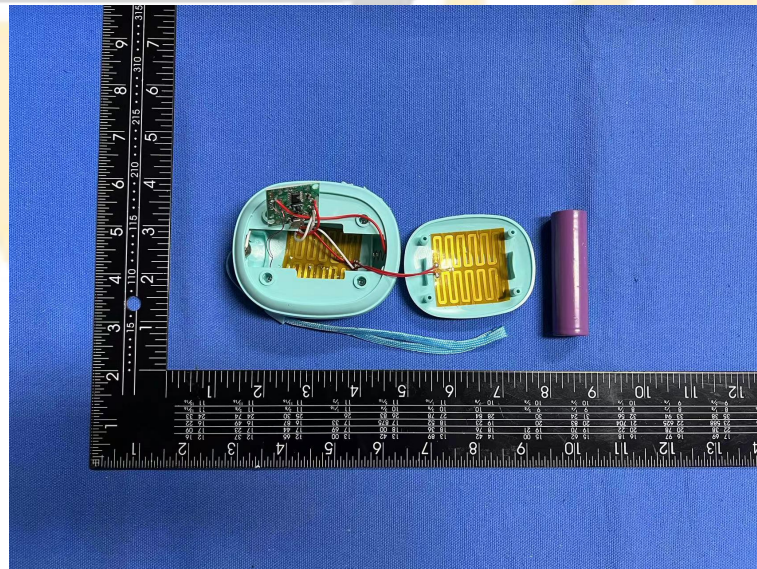
Note: 1. mg/kg milligram per kilogram (ppm).

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

3. RL- Reporting Limit

4. Migration of organic tin was calculated by summation of the migration values of Methyl tin, Dimethyl tin, Di-n-propyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetra-butyl tin, n-Octyl tin, Di-n-octyl tin, Diphenyl tin, Triphenyl tin and was expressed as tributyltin cation content. However other organic tin compounds may also be present in the sample, The Toy Safety Directive

Tested sample photo(s)



--- End of report ---

Statement:

1. The sample(s) and sample Information was/were provided by the client who should be responsible for the authenticity which ZhongYa hasn't verified;
2. The result(s) shown in this report refer(s) only to the sample(s) tested;
3. Without written approval of ZhongYa, this report can't be reproduced except in full.