



TEST REPORT

Report No:ZYT230920006-01R

Date:September 20,2023

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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

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

Sample Name	Hand warmer
Model Number	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
Trademark	N/A
Sample Received Date	August 28,2023
Testing Period	August 28-September 20,2023
Test Requested	As specified by client, according to RoHS Directive 2011/65/EU with amendment (EU)2015/863, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) and Diisobutyl phthalate(DIBP) in the submitted sample(s).
	Result Pass

Tested By: theasut

Checked By: Jack


Approved By: Larson Liang

Date of issue: September 20,2023

ShenZhen Zhongya Testing Co., Ltd

No. 1007, Heer Road, Shajing street, Bao'an District, Shenzhen City, Guangdong Province, China



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Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC 62321-5:2013	ICP-OES
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013	ICP-OES
Hexavalent Chromium (Cr(VI))	IEC 62321-7-2:2017	UV-Vis
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
Phthalates(DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS

Tested Sample/Part Description

No.	Component Description
1	battery
2	Blue rope
3	Blue plastic
4	Yellow plastic
5	White plastic
6	mechanical spring
7	sheet iron
8	White plastic
9	Red plastic
10	Red coating
11	breadboard

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Test Result:

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	EU RoHS Limit (mg/kg)
	No.1	No.2		
Lead (Pb)	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	8	1000
Polybrominated Biphenyls(PBBs)	N.D.	N.D.	5	1000
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	N.D.	5	1000
Dibutyl phthalate(DBP)	N.D.	N.D.	50	1000
Benzylbutyl phthalate(BBP)	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate(DEHP)	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP)	N.D.	N.D.	50	1000

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Test Result:

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	EU RoHS Limit (mg/kg)
	No.3	No.4		
Lead (Pb)	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	8	1000
Polybrominated Biphenyls(PBBs)	N.D.	N.D.	5	1000
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	N.D.	5	1000
Dibutyl phthalate(DBP)	N.D.	N.D.	50	1000
Benzylbutyl phthalate(BBP)	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate(DEHP)	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP)	N.D.	N.D.	50	1000

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Test Result:

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	EU RoHS Limit (mg/kg)
	No.5	No.6		
Lead (Pb)	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	8	1000
Polybrominated Biphenyls(PBBs)	N.D.	/	5	1000
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	/	5	1000
Dibutyl phthalate(DBP)	N.D.	/	50	1000
Benzylbutyl phthalate(BBP)	N.D.	/	50	1000
Di-2-ethylhexyl phthalate(DEHP)	N.D.	/	50	1000
Diisobutyl phthalate(DIBP)	N.D.	/	50	1000

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Test Result:

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	EU RoHS Limit (mg/kg)
	No.7	No.8		
Lead (Pb)	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	8	1000
Polybrominated Biphenyls(PBBs)	/	N.D.	5	1000
Polybrominated Diphenyl Ethers(PBDEs)	/	N.D.	5	1000
Dibutyl phthalate(DBP)	/	N.D.	50	1000
Benzylbutyl phthalate(BBP)	/	N.D.	50	1000
Di-2-ethylhexyl phthalate(DEHP)	/	N.D.	50	1000
Diisobutyl phthalate(DIBP)	/	N.D.	50	1000

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Test Result:

Tested Item(s)	Result (mg/kg)		MDL (mg/kg)	EU RoHS Limit (mg/kg)
	No.9	No.10		
Lead (Pb)	N.D.	N.D.	2	1000
Cadmium (Cd)	N.D.	N.D.	2	100
Mercury (Hg)	N.D.	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	8	1000
Polybrominated Biphenyls(PBBs)	N.D.	N.D.	5	1000
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	N.D.	5	1000
Dibutyl phthalate(DBP)	N.D.	N.D.	50	1000
Benzylbutyl phthalate(BBP)	N.D.	N.D.	50	1000
Di-2-ethylhexyl phthalate(DEHP)	N.D.	N.D.	50	1000
Diisobutyl phthalate(DIBP)	N.D.	N.D.	50	1000

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Test Result:

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	EU RoHS Limit (mg/kg)
	No.11		
Lead (Pb)	N.D.	2	1000
Cadmium (Cd)	N.D.	2	100
Mercury (Hg)	N.D.	2	1000
Hexavalent Chromium (Cr(VI))	N.D.	8	1000
Polybrominated Biphenyls(PBBs)	N.D.	5	1000
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	5	1000
Dibutyl phthalate(DBP)	N.D.	50	1000
Benzylbutyl phthalate(BBP)	N.D.	50	1000
Di-2-ethylhexyl phthalate(DEHP)	N.D.	50	1000
Diisobutyl phthalate(DIBP)	N.D.	50	1000

Remark: MDL = Method Detection Limit
N.D. = Not Detected (<MDL)
mg/kg = ppm = parts per million

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TEST REPORT

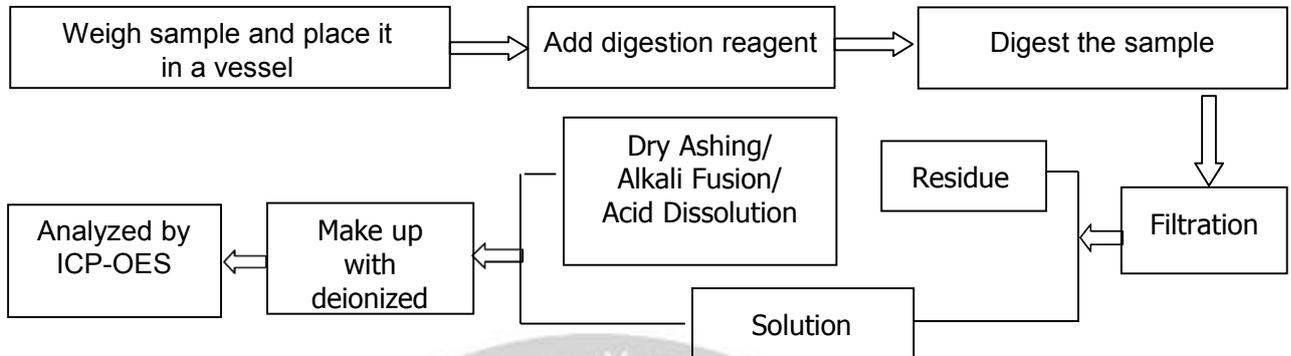
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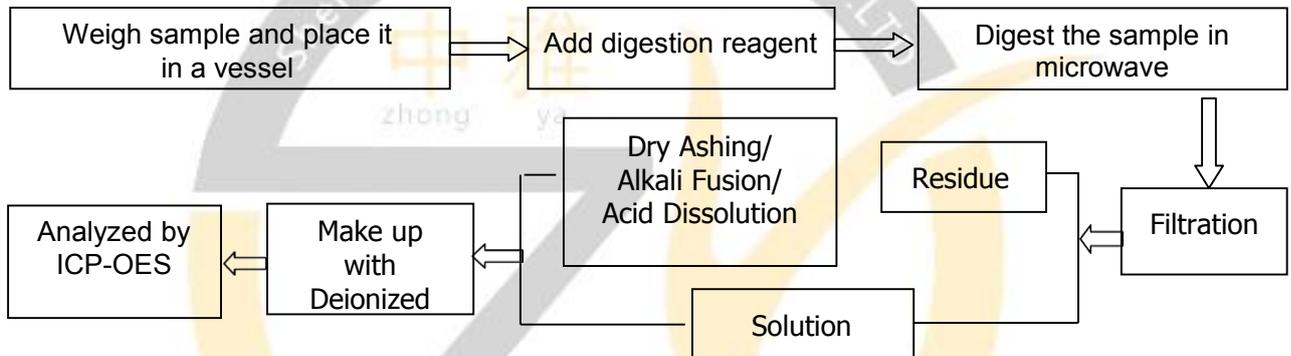
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Test Process:

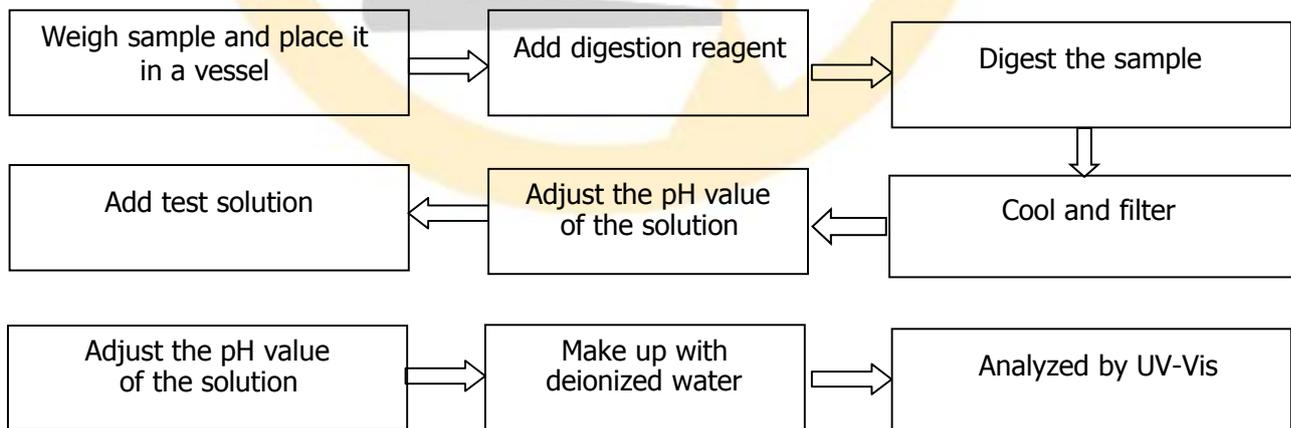
1. Lead(Pb), Cadmium(Cd), Chromium(Cr)



2. Mercury(Hg)



3. Hexavalent Chromium (Cr (VI))



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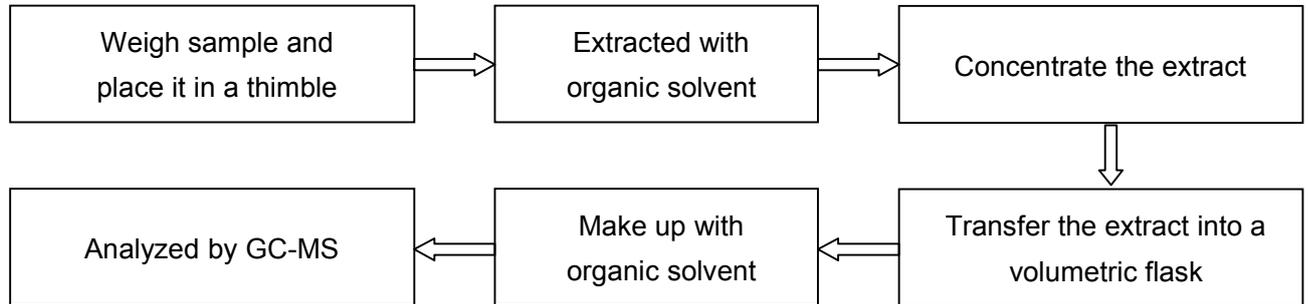
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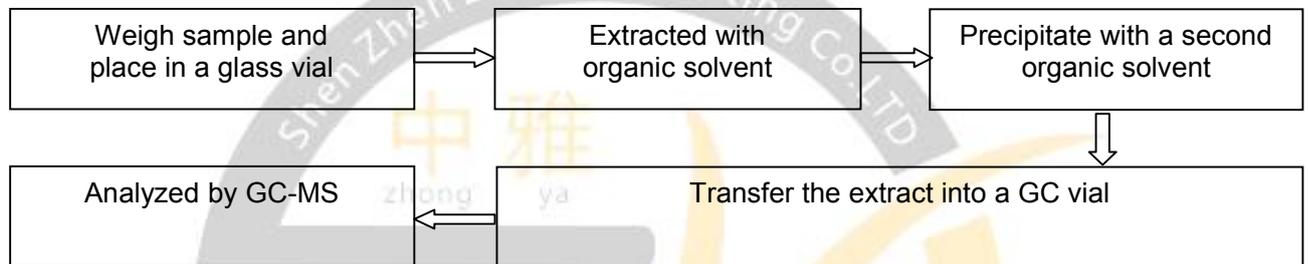
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4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



5. Phthalates (DBP/BBP/DEHP/DIBP)



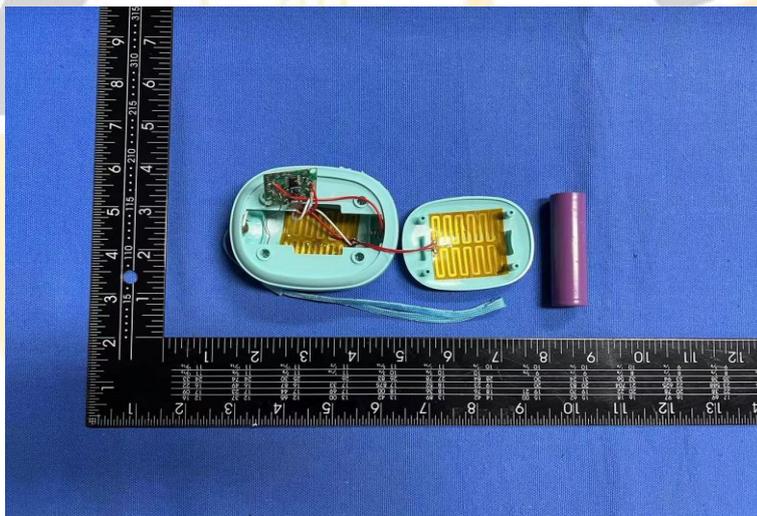
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Tested sample photo(s)

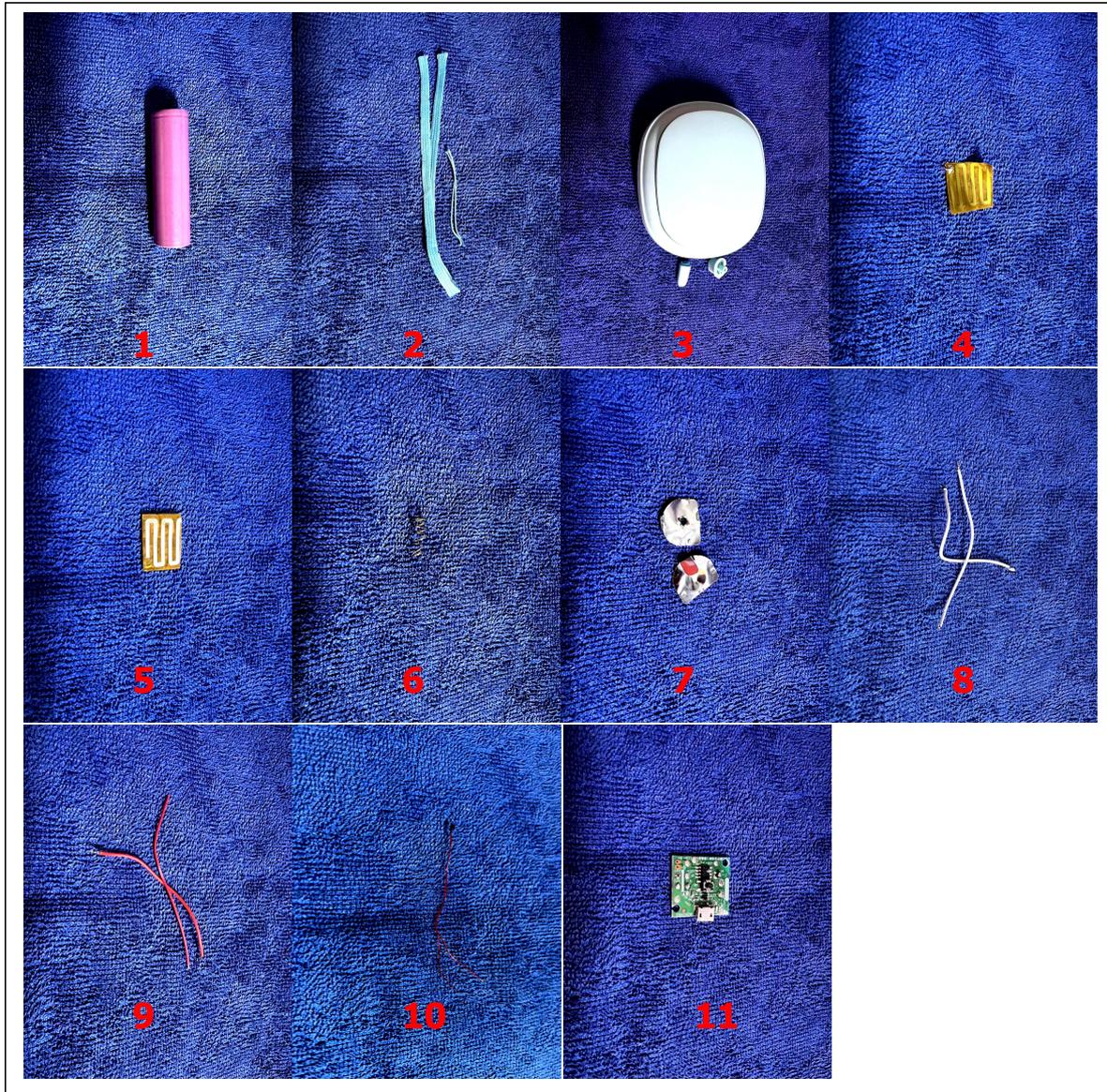


Photos 1



Photos 2

Split the graph



--- 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.