



TEST REPORT

REPORT No.: **DTIBW20201049-1R**

Date: 2020-11-11

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Applicant Company Name: Shenzhen Huafurui Technology Co., Ltd.

Applicant Company Address: Unit 1401 &1402, 14/F, Jinqi zhigu mansion (No. 4 building of Chongwen Garden), Crossing of the Liuxian street and Tangling road, Taoyuan street, Nanshan district, Shenzhen,P.R. China

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

Sample Name : Smart Watch
 Model No. : C5
 Trademark : CUBOT,HAFURY
 Sample Receiving Date : November 02, 2020; November 10, 2020
 Testing Period : From November 02, 2020 to November 11, 2020
 Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

A EU RoHS Directive 2011/65/EU and its amendment directives2015/863/EU (**RoHS 2.0**)

Pass

Shenzhen Deesev Testing International Corp

Approved by: Tommy Jiang
lab manager



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Results:

1、EU RoHS Directive 2011/65/EU and its amendment directives on XRF

Test method: With reference to IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF)

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
1	Pink Electroplating	BL	BL	BL	BL	BL
2	Metal Frame Substrate	BL	BL	BL	BL	BL
3	Black Plastic Cover	BL	BL	BL	BL	BL
4	Gold Metal Terminal	X	BL	BL	BL	BL
5	Black Plastic Frame	BL	BL	BL	BL	BL
6	Yellow Plastic Sticker	BL	BL	BL	BL	BL
7	Silver Metal Sheet	BL	BL	BL	BL	BL
8	Touch Screen Glass	BL	BL	BL	BL	BL
9	Display Screen Glass	BL	BL	BL	BL	BL
10	FPC	BL	BL	BL	BL	BL
11	LED	BL	BL	BL	BL	BL
12	Silver Plastic Patch	BL	BL	BL	BL	BL
13	White Plastic Patch	BL	BL	BL	BL	BL
14	Transparent Plastic Sheet	BL	BL	BL	BL	BL
15	Silver Plastic Sheet	BL	BL	BL	BL	BL
16	Black Plastic Stickers	BL	BL	BL	BL	BL
17	White Plastic Frame	BL	BL	BL	BL	BL
18	Pink Rubber Belt	BL	BL	BL	BL	BL
19	Silver Metal Frame	BL	BL	BL	X	BL
20	Silver Metal Needle	BL	BL	BL	X	BL



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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
21	Silver Metal Shaft	BL	BL	BL	X	BL
22	PCB	BL	BL	BL	BL	X
23	Solder Point	BL	BL	BL	BL	BL
24	Crystal Resonator	BL	BL	BL	BL	BL
25	Black Ceramic Body Chip	BL	BL	BL	BL	BL
26	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
27	Patch Resistor	BL	BL	BL	BL	BL
28	Patch Diode	BL	BL	BL	BL	BL
29	Triode	BL	BL	BL	BL	BL
30	Crystal Oscillator	BL	BL	BL	BL	BL
31	Black Plastic Plug-Base	BL	BL	BL	BL	BL
32	Gold Metal Terminal	BL	BL	BL	BL	BL
33	Black Plastic Plug-Base	BL	BL	BL	BL	BL
34	Gold Metal Terminal	BL	BL	BL	BL	BL
35	FPC	BL	BL	BL	BL	BL
36	PCB	BL	BL	BL	BL	X
37	Black Rubber Frame	BL	BL	BL	BL	BL
38	SMD Components	BL	BL	BL	BL	BL
39	Patch LED	BL	BL	BL	BL	BL
40	FPC	BL	BL	BL	BL	BL



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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
41	Silver Metal Sheet	BL	BL	BL	BL	BL
42	Black Plastic Plug-In	BL	BL	BL	BL	BL
43	Gold Metal Terminal	BL	BL	BL	BL	BL
44	Yellow Plastic Sticker	BL	BL	BL	BL	BL
45	Black Ceramic Body Chip	BL	BL	BL	BL	BL
46	Patch Resistor	BL	BL	BL	BL	BL
47	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
48	FPC	BL	BL	BL	BL	BL
49	Silver Metal Sheet	BL	BL	BL	BL	BL
50	Black Plastic Plug-In	BL	BL	BL	BL	BL
51	Gold Metal Terminal	BL	BL	BL	BL	BL
52	FPC	BL	BL	BL	BL	BL
53	Silver Metal Sheet	BL	BL	BL	BL	BL
54	White Plastic Stickers	BL	BL	BL	BL	BL
55	Silver Metal Sheet	BL	BL	BL	BL	BL
56	Silver Metal Pendulum	BL	BL	BL	BL	BL
57	Blue Plastic Wire Outer Skin	BL	BL	BL	BL	BL
58	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
59	Wire Internal Metal Wire	BL	BL	BL	BL	BL
60	Pink Electroplating	BL	BL	BL	BL	BL



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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
61	Metal Knob Substrate	BL	BL	BL	BL	BL
62	Black Rubber Cover	BL	BL	BL	BL	BL
63	Silver Metal Spring	BL	BL	BL	BL	BL
64	Silver Metal Screws	BL	BL	BL	BL	BL
65	Silver Magnet	BL	BL	BL	BL	BL
66	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL
67	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
68	Wire Internal Metal Wire	BL	BL	BL	BL	BL
69	PCB	BL	BL	BL	BL	X
70	Solder Point	BL	BL	BL	BL	BL
71	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
72	Patch Resistor	BL	BL	BL	BL	BL
73	Black Ceramic Body Chip	BL	BL	BL	BL	BL
74	Double Faced Adhesive	BL	BL	BL	BL	BL
75	Yellow Plastic Sticker	BL	BL	BL	BL	BL
76	Electrode Metal Sheet	BL	BL	BL	BL	BL
77	Aluminum Laminated Films	BL	BL	BL	BL	BL
78	Polymer Membranes	BL	BL	BL	BL	BL
79	Green Plastic Sticker	BL	BL	BL	BL	BL
80	White Plastic Sticker	BL	BL	BL	BL	BL



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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
81	Copper Foil	BL	BL	BL	BL	BL
82	Aluminum Foil	BL	BL	BL	BL	BL
83	Black Soft Plastics	BL	BL	BL	BL	BL
84	Internal White Plastic	BL	BL	BL	BL	BL
85	Black Plastic Case	BL	BL	BL	BL	BL
86	Silver Magnet	BL	BL	BL	BL	BL
87	Gold Metal Terminal	X	BL	BL	BL	BL
88	Solder Point	BL	BL	BL	BL	BL
89	Black Plastic Skin	BL	BL	BL	BL	BL
90	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
91	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL
92	Wire Internal Metal Wire	BL	BL	BL	BL	BL
93	Black Soft Plastics (USB)	BL	BL	BL	BL	BL
94	Silver Metal Case (USB)	BL	BL	BL	BL	BL
95	Internal White Plastic (USB)	BL	BL	BL	BL	BL
96	Gold Metal Needles	BL	BL	BL	BL	BL
97	PCB	BL	BL	BL	BL	X
98	Solder Point	X	BL	BL	BL	BL



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Remark:

- (1) Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

Note:

- BL = Below Limit
 OL = Over Limit
 X = Inconclusive

- (2) The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.



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(3) The maximum permissible limit is quoted from the document 2011/65/EU and its amendment directives 2015/863/EU:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	≤100
Lead (Pb)	≤1000
Mercury (Hg)	≤1000
Hexavalent Chromium (Cr(VI))	≤1000
Polybrominated biphenyls (PBBs)	≤1000
Polybrominate ddiphenylethers (PBDEs)	≤1000



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2. The Test Results of Chemical Method:

Test method:

Lead, Cadmium, Mercury Content:

With reference to IEC 62321-5:2013 and IEC62321-4:2013+AMD1:2017, by acid digestion and analysis was performed by Inductively Coupled Plasma- Atomic Emission Spectrophotometer (ICP-AES)

Hexavalent Chromium Content (For metal material):

With reference to IEC 62321-7-1:2015, by boiling-water-extraction and analysis was performed by UV-visible spectrophotometer (UV-Vis)

Hexavalent Chromium Content (For non-metal material):

With reference to IEC 62321-7-2:2017, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)

PBBs & PBDEs Content:

With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic/mass spectrometer (GC-MS)

DEHP, BBP, DBP&.DIBP content:

With reference to IEC 62321-8:2017 by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)



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1) The test results of Cr (VI)

Item	Unit	MDL	Results			Limit
			19	20	21	
Hexavalent Chromium (Cr (VI)) (Metal material)	µg/cm ²	/	Negative	Negative	Negative	#
Conclusion	/	/	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- Negative= Sample Cr(VI) concentration is less than 0.10 µg/cm²
Positive = Sample Cr(VI) concentration is greater than 0.13 µg/cm²
- # =
Positive indicates the presence of Cr(VI) on the tested areas and the test results are considered to be incompatible with Directive 2011/65/EU (RoHS 2.0) requirement.
Negative indicates the absence of Cr(VI) on the tested areas and the test results are considered to be consistent with Directive 2011/65/EU (RoHS 2.0) requirement.
- mg/kg = ppm



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2) The test results of Pb

Item	Unit	MDL	Results			Limit
			4*	87*	98**	
Lead(Pb)	mg/kg	2	19081	23045	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- * = the weight of lead in the copper alloy does not exceed 4%(40000ppm).
- ** = This data is the corrected retest data.



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3) The test results of PBBs & PBDEs

Item	Unit	MDL	Results				Limit
			22	36	69	97	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	≤1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)							
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- mg/kg = ppm
- MDL = Method Detection Limit



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4) The test results of DEHP, BBP, DBP & DIBP

Item	Unit	MDL	Results					Limit
			3	5	6	8	9	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			10	11	12	13	14	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			15	16	17	18	22	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/



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Item	Unit	MDL	Results					Limit
			25	26	27	28	29	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			31	33	35	36	37	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			38	39	40	42	44	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/



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Item	Unit	MDL	Results					Limit
			45	46	47	48	50	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			52	54	57	58	62	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			66	67	69	71	72	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/



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Item	Unit	MDL	Results					Limit
			73	74	75	77	78	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			79	80	83	84	85	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			89	90	91	93	95	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	99	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	43*	N.D.*	N.D.*	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/



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Item	Unit	MDL	Results	Limit
			97	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	≤1000
Conclusion	/	/	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- mg/kg = ppm
- MDL = Method Detection Limit
- *= This data is the corrected retest data.
- Flow chart appendix is included.
- Photo appendix is included.



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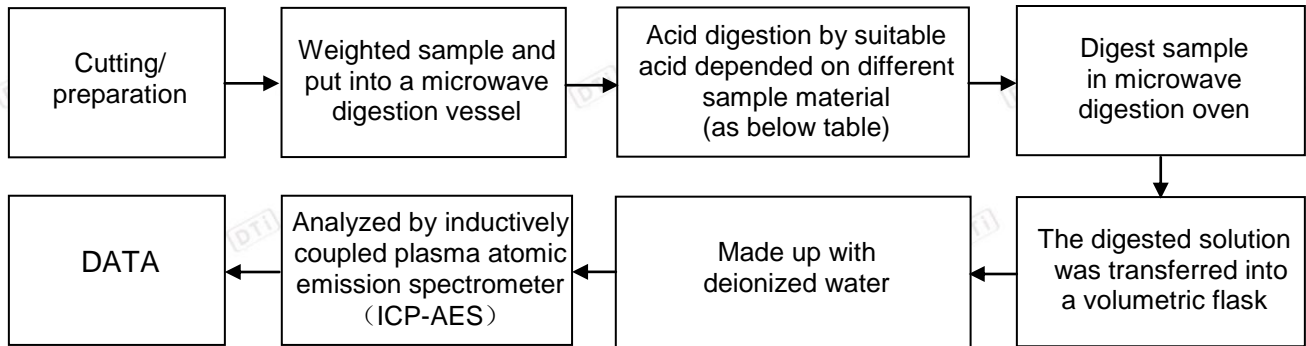
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Appendix I

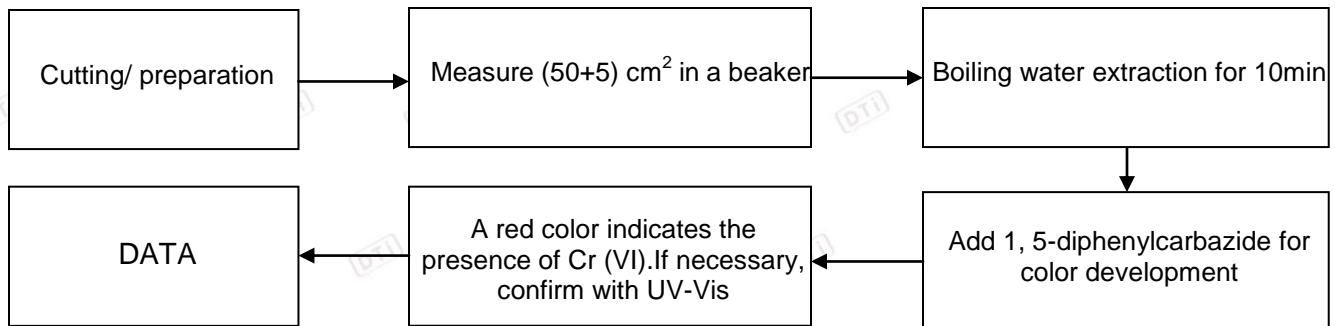
Test Flow chart

1. Test Flowchart for Cd / Pb /Hg content

These samples were dissolved totally by pre-conditioning method according to below flow chart.



2. Test Flowchart for Cr⁶⁺ content (Metal material)





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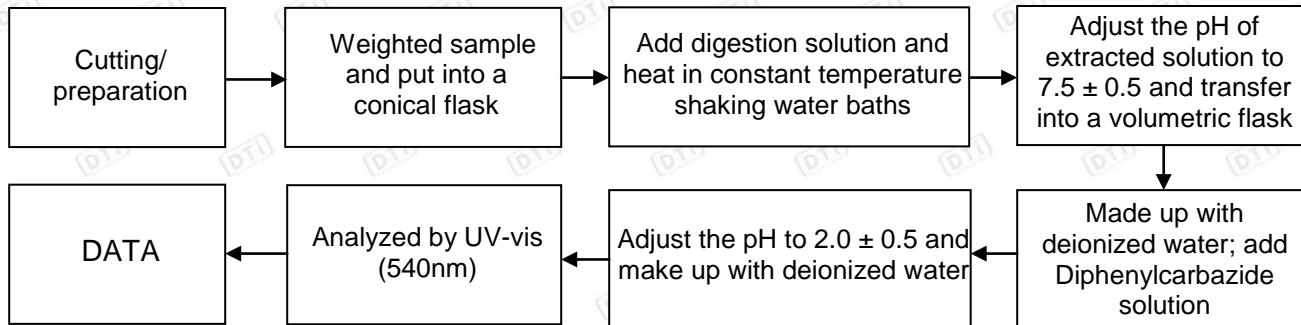
TEST REPORT

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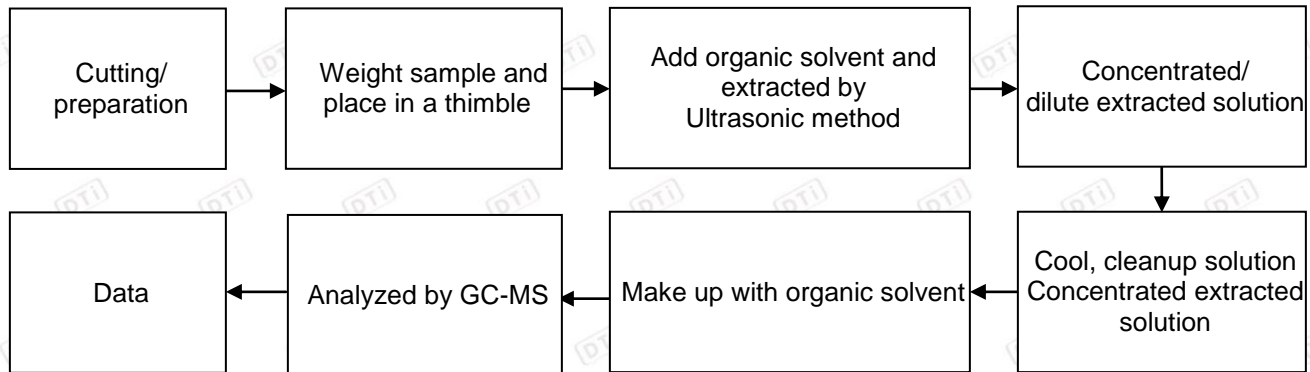
Date: 2020-11-11

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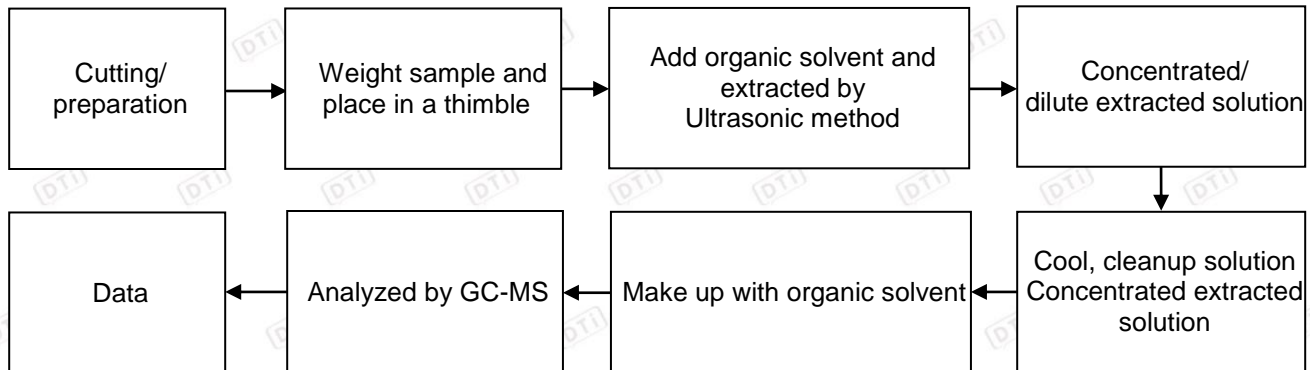
3. Test Flowchart for Cr⁶⁺ content (Non-metal material)



4. Test Flowchart for PBBs & PBDEs content



5. Test Flowchart for DEHP, BBP, DBP & DIBP content





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Table:

Sample material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion



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Appendix II

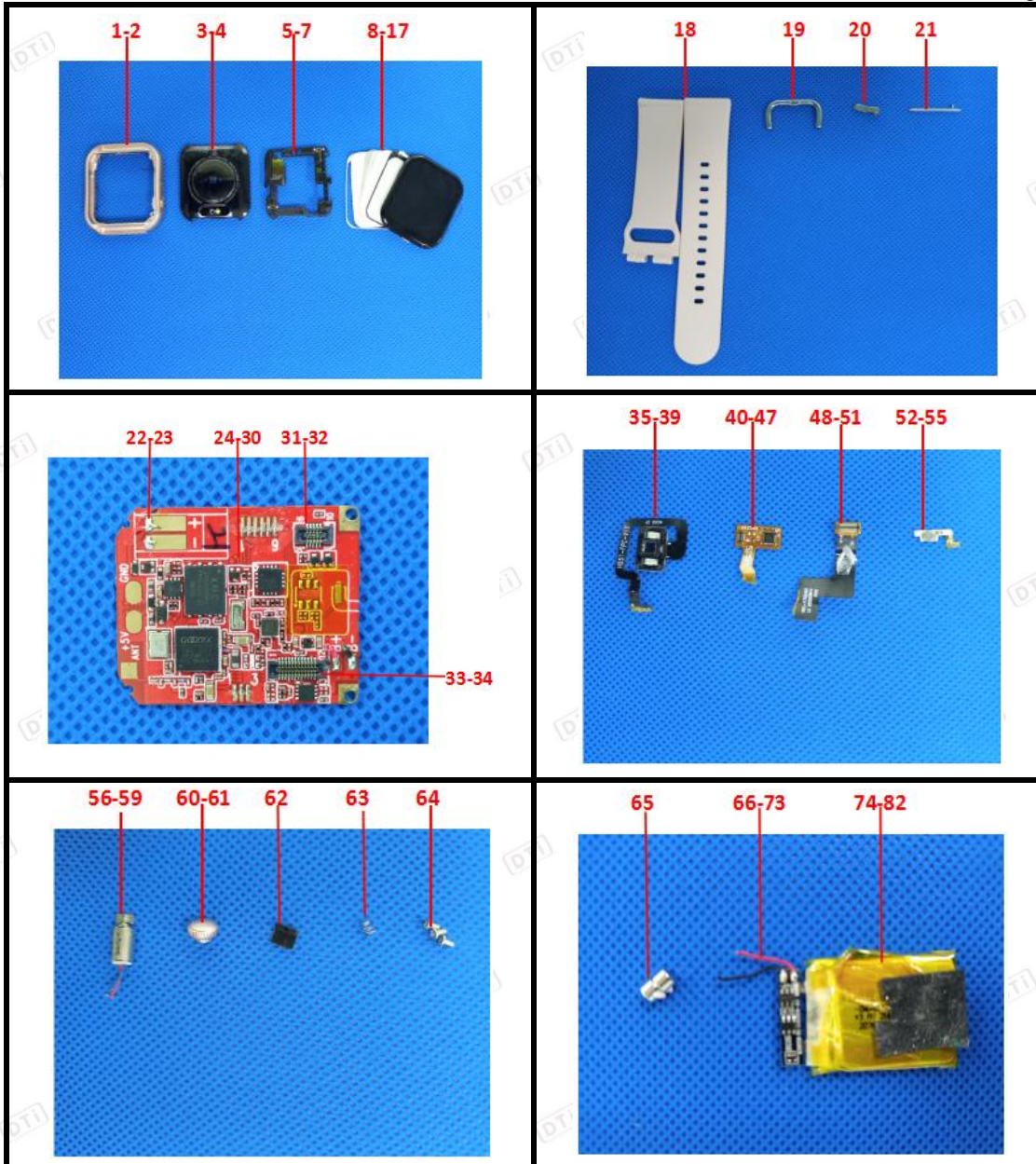
Photograph of Sample





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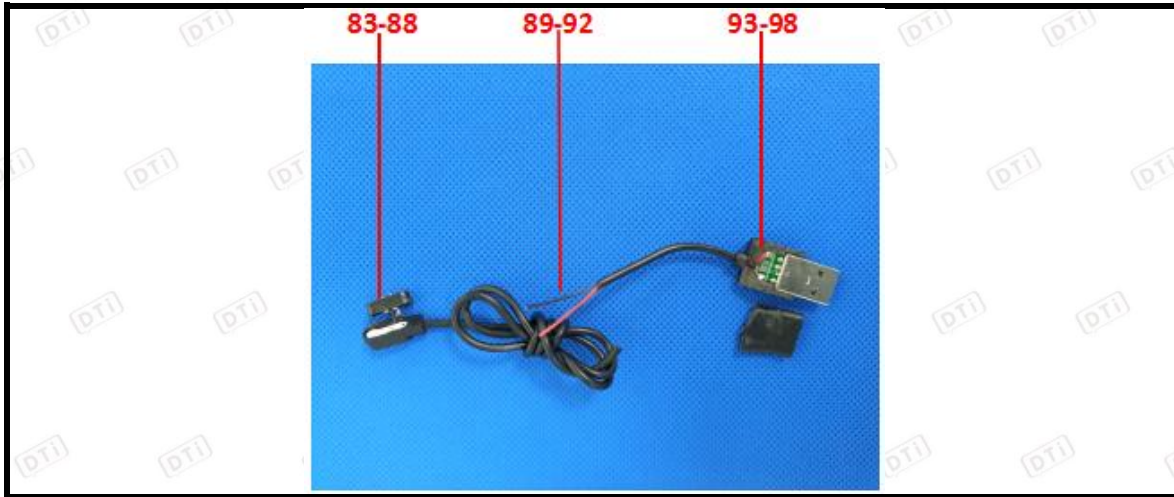






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*** End of Report ***



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