

Verification Report

Applicant : myFirst Tech Asia Pte. Ltd.
Address : 31 Woodlands Close #01-22, 737855, Singapore

Report on the submitted samples said to be:

Sample Name(s) : myFirst Fone S3
Trade Mark : myFirst
Part No. : KW1401, KW1402
Sample Received Date : June 13, 2023
Testing Period : June 13, 2023 ~ June 19, 2023
Date of Report : June 19, 2023
Testing Location : 901, No.40 Building, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, Guangdong, China
Results : Please refer to next page(s).

TEST REQUEST	CONCLUSION
As specified by client, based on the performed tests on submitted sample, the result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, Dibutyl Phthalate(DBP), Butylbenzyl Phthalate(BBP), Di-2-ethylhexyl Phthalate(DEHP) and Diisobutyl phthalate(DIBP) content comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.	PASS

Signed for and on behalf of LCS

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**A. EU RoHS Directive 2011/65/EU and its amendment directives**

Test method: With reference to IEC 62321-1:2013&IEC 62321-2:2021&IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF).

Test result(s):

Sample No.	Sample Description	Screening Result(s)						Date of sample submission/ Resubmission
		Cd	Pb	Hg	Cr▼	Br▼		
						PBBs	PBDEs	
1	Pink plastic frame	BL	BL	BL	BL	BL	BL	2023-06-13
2	Blue plastic shell	BL	BL	BL	BL	BL	BL	2023-06-13
3	Black plastic sheet	BL	BL	BL	BL	BL	BL	2023-06-13
4	Silver metal magnet	OL	OL	BL	X	/	/	2023-06-13
5	Gold metal contacts	OL	OL	BL	X	/	/	2023-06-13
6	Baby blue plastic frame	BL	BL	BL	BL	BL	BL	2023-06-13
7	White plastic button	BL	BL	BL	BL	BL	BL	2023-06-13
8	White plastic frame	BL	BL	BL	BL	BL	BL	2023-06-13
9	Black double-sided tape	BL	BL	BL	BL	BL	BL	2023-06-13
10	Silver gray adhesive tape	BL	BL	BL	BL	BL	BL	2023-06-13
11	Black adhesive tape	BL	BL	BL	BL	BL	BL	2023-06-13
12	Purple rubber tape	BL	BL	BL	BL	BL	BL	2023-06-13
13	Purple rubber ring	BL	BL	BL	BL	BL	BL	2023-06-13
14	White plastic buckle	BL	BL	BL	BL	BL	BL	2023-06-13
15	Black glass screen	BL	BL	BL	BL	BL	BL	2023-06-13
16	Transparent plastic board	BL	BL	BL	BL	BL	BL	2023-06-13
17	White plastic sheet	BL	BL	BL	BL	BL	BL	2023-06-13
18	Silver plastic sheet	BL	BL	BL	BL	BL	BL	2023-06-13
19	Silver metal plate	BL	BL	BL	X	/	/	2023-06-13
20	Silver metal rod	OL	OL	BL	X	/	/	2023-06-13
21	Yellow FPC	BL	BL	BL	BL	BL	BL	2023-06-13
22	Silver metal ring	BL	BL	BL	BL	/	/	2023-06-13
23	Transparent film	BL	BL	BL	BL	BL	BL	2023-06-13
24	Black paper	BL	BL	BL	BL	BL	BL	2023-06-13
25	Copper metal coil	OL	OL	BL	X	/	/	2023-06-13
26	Black plastic frame	BL	BL	BL	BL	BL	BL	2023-06-13
27	Silver metal sheet	BL	BL	BL	BL	/	/	2023-06-13
28	Silver metal magnet	OL	OL	BL	X	/	/	2023-06-13
29	Silver metal cover	BL	BL	BL	BL	/	/	2023-06-13



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Scan code to check authenticity



Sample No.	Sample Description	Screening Result(s)						Date of sample submission/ Resubmission
		Cd	Pb	Hg	Cr▼	Br▼		
						PBBs	PBDEs	
30	Copper colored metal sheet	BL	BL	BL	BL	/	/	2023-06-13
31	Gray film	BL	BL	BL	BL	BL	BL	2023-06-13
32	Black plastic PCB	BL	BL	BL	BL	X	X	2023-06-13
33	Black plastic chip	BL	BL	BL	BL	BL	BL	2023-06-13
34	White soft rubber	BL	BL	BL	BL	BL	BL	2023-06-13
35	Silver metal shell	BL	BL	BL	BL	/	/	2023-06-13
36	White plastic block	BL	BL	BL	BL	BL	BL	2023-06-13
37	Gold metal contact	BL	BL	BL	BL	/	/	2023-06-13
38	White plastic outer cover	BL	BL	BL	BL	BL	BL	2023-06-13
39	Red plastic wire cover	BL	BL	BL	BL	BL	BL	2023-06-13
40	Green plastic wire cover	BL	BL	BL	BL	BL	BL	2023-06-13
41	White plastic wire cover	BL	BL	BL	BL	BL	BL	2023-06-13
42	Copper colored metal wire core	BL	BL	BL	BL	/	/	2023-06-13
43	Blue plastic buckle	BL	BL	BL	BL	BL	BL	2023-06-13
44	Blue rubber ring	BL	BL	BL	BL	BL	BL	2023-06-13
45	Blue rubber band	BL	BL	BL	BL	BL	BL	2023-06-13
46	Dark blue plastic frame	BL	BL	BL	BL	BL	BL	2023-06-13
47	Black plastic buttons	BL	BL	BL	BL	BL	BL	2023-06-13
48	Blue plastic shell	BL	BL	BL	X	BL	BL	2023-06-13

Note:

- 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(Unit: mg/kg).

Element	Polymers	Metals	Composite material
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	N/A	$BL \leq (250-3\sigma) < X$





Remark:

- BL= Below Limit
 - OL= Over Limit
 - X= The range of needing to do further testing
 - 3 σ = The reproducibility of analytical instruments
 - N/A= Not applicable
 - LOD= Detection limit
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.
 3. The maximum permissible limit is quoted from the document RoHS Directive 2011/65/EU with amendment (EU) 2015/863.
 4. ▼=For restricted substances PBBs and PBDEs, the results show the total Br content, the restricted substance was Cr(VI), and the results showed the total Cr content.

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
Polybrominated diphenylethers(PBDEs)	1000
Dibutyl Phthalate(DBP)	1000
Butylbenzyl Phthalate(BBP)	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	1000
Diisobutyl phthalate(DIBP)	1000

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes. The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.



**B. EU RoHS Directive 2011/65/EU with amendment (EU) 2015/863 on Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, DBP, BBP, DEHP & DIBP content**

Test method:

Lead(Pb) & Cadmium(Cd) Content:

Refer to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma optical emission spectrometer (ICP-OES) or atomic absorption spectrometer (AAS).

Mercury(Hg) Content:

Refer to IEC 62321-4:2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma optical emission spectrometer (ICP-OES).

Hexavalent Chromium(Cr(VI)) Content:

Refer to IEC 62321-7-1:2015 or IEC 62321-7-2:2017, analysis was performed by UV-visible spectrophotometer (UV-Vis).

PBBs & PBDEs Content:

Refer to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatography-mass spectrometer (GC-MS).

Phthalates(DBP, BBP, DEHP & DIBP) Content:

Refer to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatography-mass spectrometer (GC-MS).

Test result(s):

1) Lead(Pb) & Cadmium(Cd)

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)					Limit (mg/kg)
		(4)	(5)	(20)	(25)	(28)	
Lead(Pb) Content	5	911	30	26	13	896	1000

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)					Limit (mg/kg)
		(4)	(5)	(20)	(25)	(28)	
Cadmium(Cd) Content	5	N.D.	N.D.	N.D.	N.D.	N.D.	100

2) Hexavalent Chromium(Cr(VI))

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(48)	
Hexavalent Chromium(Cr(VI)) Content	20	N.D.	1000

3) Hexavalent Chromium(Cr(VI))(for coating on metal)

Tested Item(s)	MDL ($\mu\text{g}/\text{cm}^2$)	Test Result(s) ($\mu\text{g}/\text{cm}^2$)			Limit ($\mu\text{g}/\text{cm}^2$)
		(4)	(5)	(19)	
Hexavalent Chromium(Cr(VI)) Content★	0.10 (LOQ)	N.D.	N.D.	N.D.	1000





Tested Item(s)	MDL ($\mu\text{g}/\text{cm}^2$)	Test Result(s) ($\mu\text{g}/\text{cm}^2$)			Limit ($\mu\text{g}/\text{cm}^2$)
		(20)	(25)	(28)	
Hexavalent Chromium(Cr(VI)) Content★	0.10 (LOQ)	N.D.	N.D.	N.D.	1000

4) Phthalates(DBP, BBP, DEHP & DIBP)

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(1+2+3+6+7+8)	
Dibutyl Phthalate(DBP) Content	50	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	1000

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(9+10+11+12+13+14)	
Dibutyl Phthalate(DBP) Content	50	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	1000

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(15+16+17+18+21+23)	
Dibutyl Phthalate(DBP) Content	50	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	1000





Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(24+26+31+32+33+34)	
Dibutyl Phthalate(DBP) Content	50	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	1000

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(36+43+44+45+46+47)	
Dibutyl Phthalate(DBP) Content	50	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	1000

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)				Limit (mg/kg)
		(38)	(39)	(40)	(41)	
Dibutyl Phthalate(DBP) Content	50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	N.D.	N.D.	N.D.	1000

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)	Limit (mg/kg)
		(48)	
Dibutyl Phthalate(DBP) Content	50	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	1000



**5) Polybrominated Biphenyls(PBBs) & Polybrominated Diphenyl Ethers(PBDEs)**

Tested Items	MDL (mg/kg)	Results (mg/kg)	Limit (mg/kg)
		(32)	
Polybrominated Biphenyls(PBBs) Content			
Monobromobiphenyl	5	N.D.	/
Dibromobiphenyl	5	N.D.	/
Tribromobiphenyl	5	N.D.	/
Tetrabromobiphenyl	5	N.D.	/
Pentabromobiphenyl	5	N.D.	/
Hexabromobiphenyl	5	N.D.	/
Heptabromobiphenyl	5	N.D.	/
Octabromobiphenyl	5	N.D.	/
Nonabromodiphenyl	5	N.D.	/
Decabromodiphenyl	5	N.D.	/
Total content	/	N.D.	1000
Polybrominated Diphenylethers(PBDEs) Content			
Monobromodiphenyl ether	5	N.D.	/
Dibromodiphenyl ether	5	N.D.	/
Tribromodiphenyl ether	5	N.D.	/
Tetrabromodiphenyl ether	5	N.D.	/
Pentabromodiphenyl ether	5	N.D.	/
Hexabromodiphenyl ether	5	N.D.	/
Heptabromodiphenyl ether	5	N.D.	/
Octabromodiphenyl ether	5	N.D.	/
Nonabromodiphenyl ether	5	N.D.	/
Decabromodiphenyl ether	5	N.D.	/
Total content	/	N.D.	1000



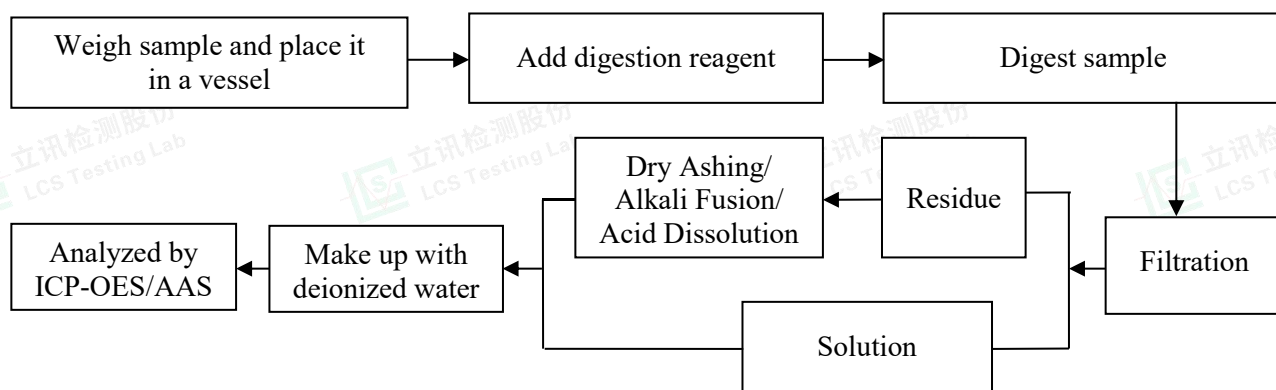


Note:

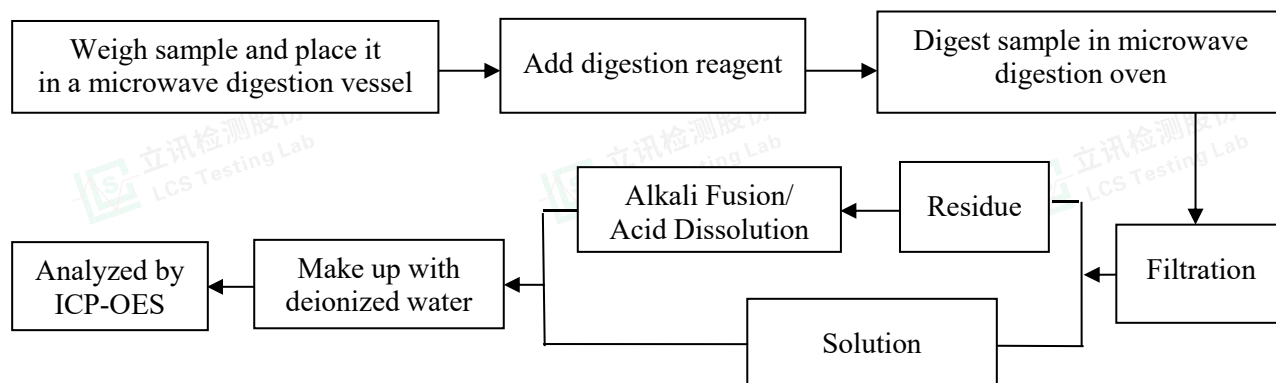
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL or LOQ)
- mg= milligram
- LOQ = Limit Of Quantification, The LOQ of Hexavalent chromium is $0.10 \mu\text{g}/\text{cm}^2$
- ★ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than $0.13 \mu\text{g}/\text{cm}^2$. The sample coating is considered to contain Cr(VI).
b. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than $0.10 \mu\text{g}/\text{cm}^2$). The sample coating is considered a non- Cr(VI) based coating.
c. The result between $0.10 \mu\text{g}/\text{cm}^2$ and $0.13 \mu\text{g}/\text{cm}^2$ is considered to be inconclusive, unavoidable coating variations may influence the determination.
- Information on storage conditions and production date of the tested samples is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.
- According to customer's requirement, only the appointed materials have been tested.

Test Process

1. Lead(Pb) & Cadmium(Cd): IEC 62321-5:2013



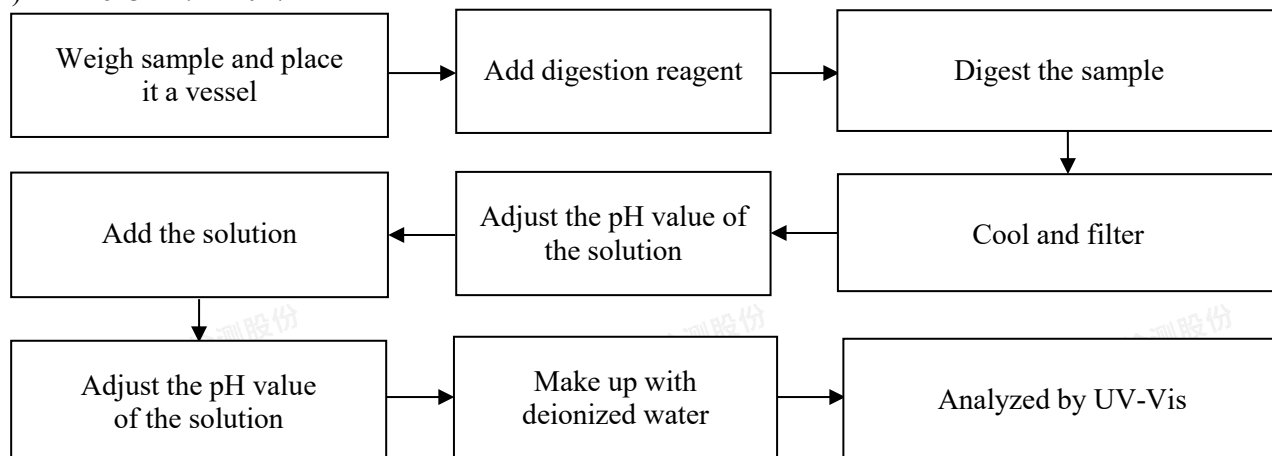
2. Mercury(Hg): IEC 62321-4:2013+AMD1:2017 CSV



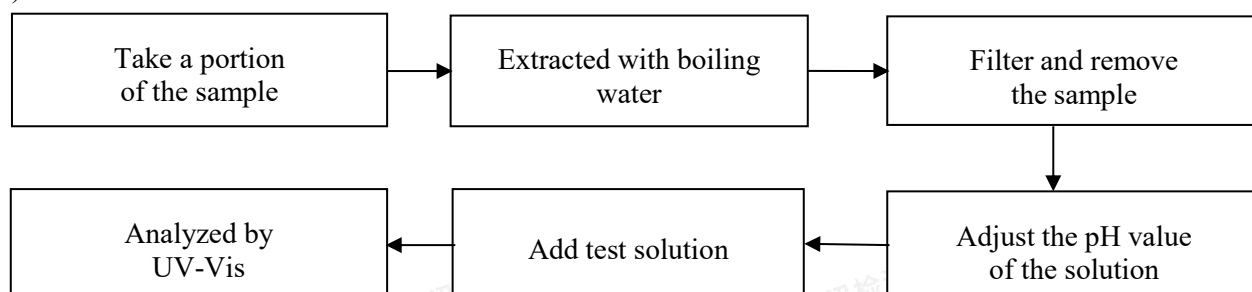


3. Hexavalent Chromium(Cr(VI))

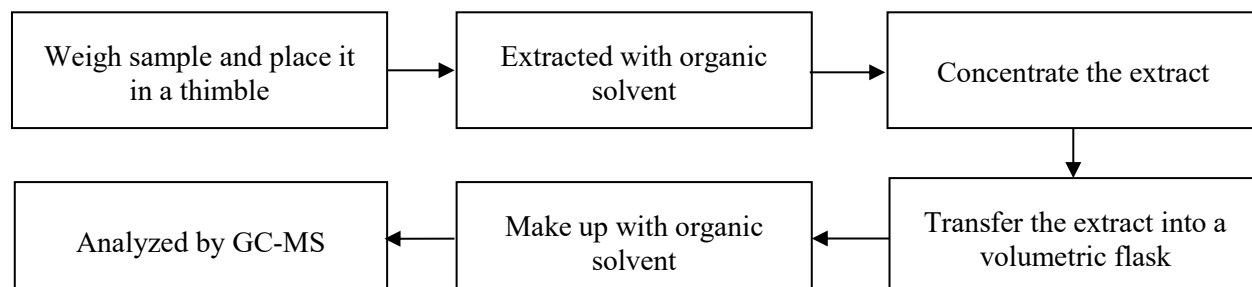
1) IEC 62321-7-2:2017



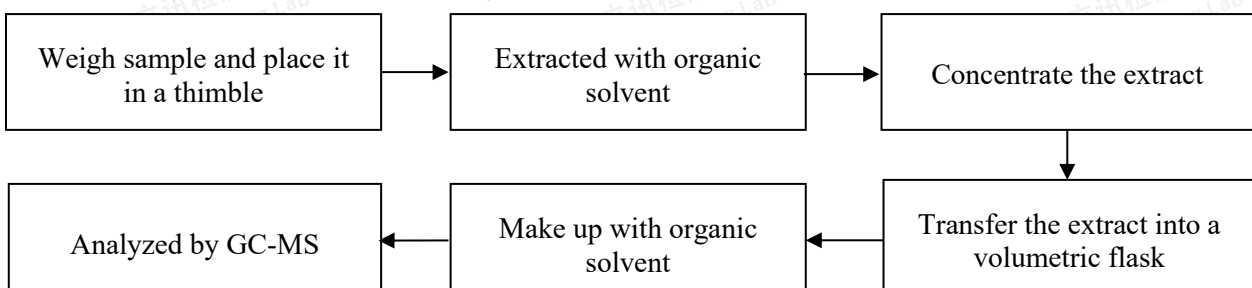
2) IEC 62321-7-1:2015



4. Polybrominated Biphenyls(PBBs) & Polybrominated Diphenyl Ethers(PBDEs) : IEC 62321-6:2015



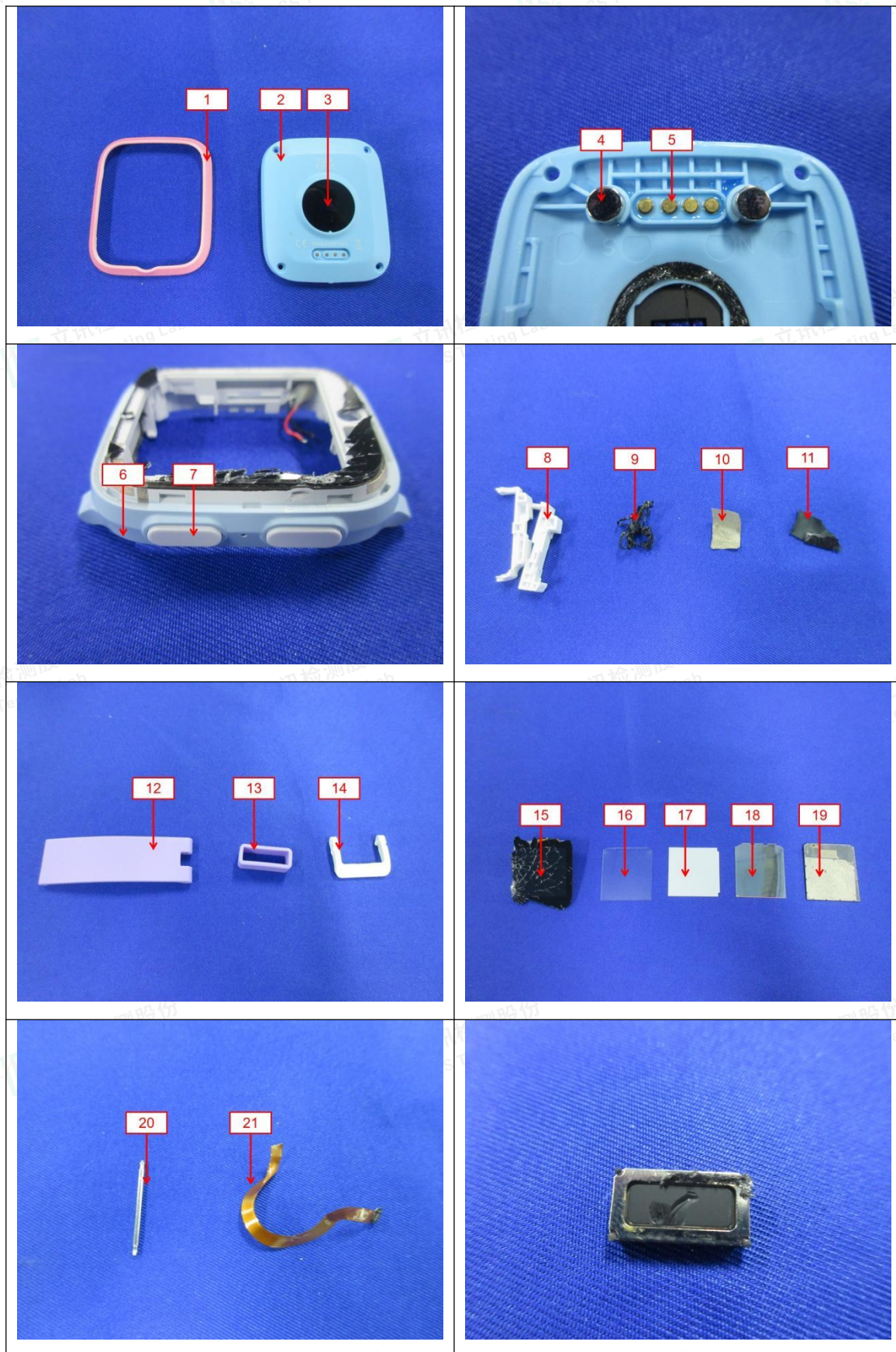
5. Phthalates(DBP, BBP, DEHP & DIBP) : IEC 62321-8:2017

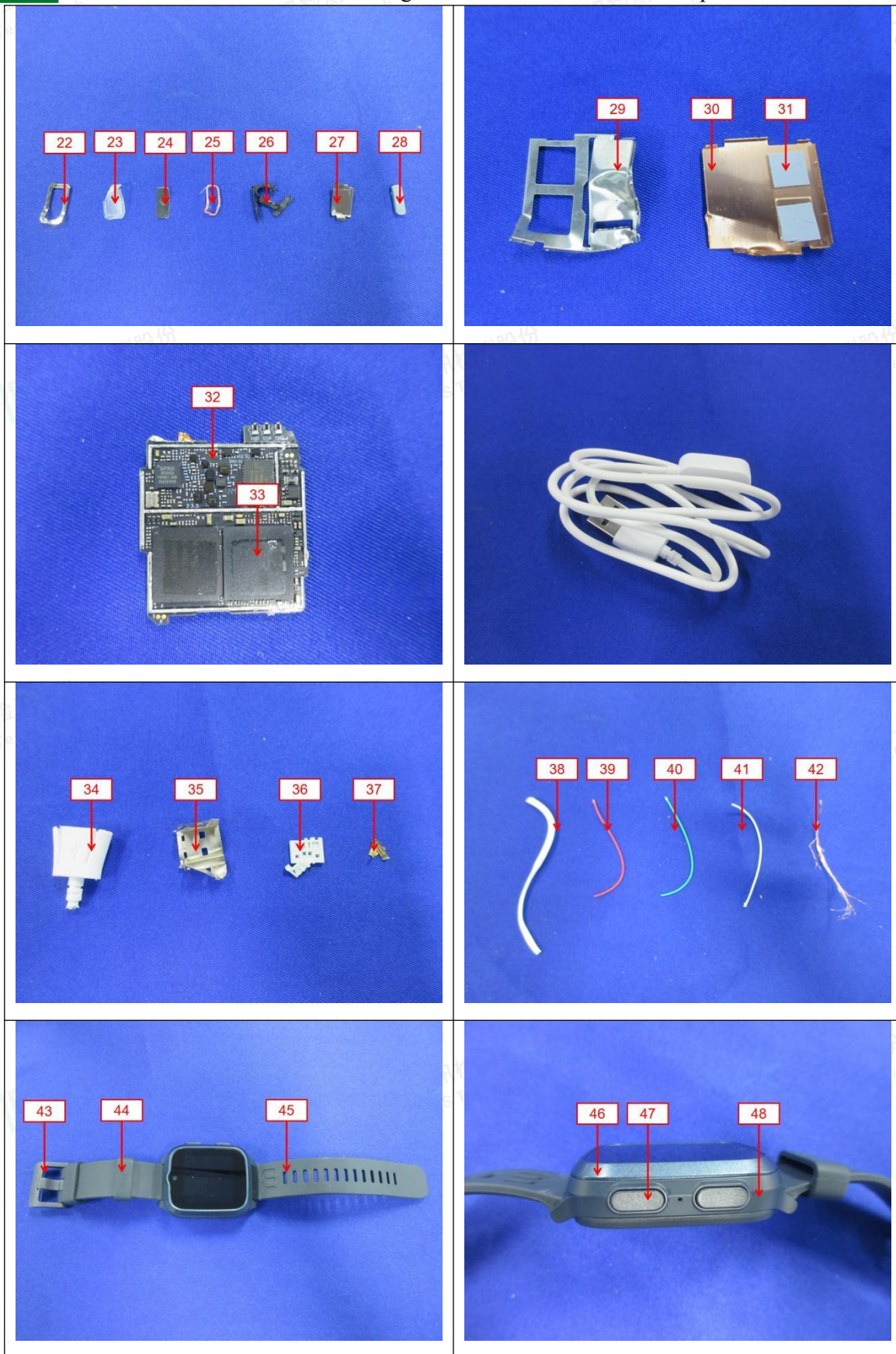




The photo(s) of the sample









Statement:

1. The test report is invalid without the signature of the approver and the special seal for the company's report;
2. The company name, address and sample information shown on the report were provided by the applicant who should be responsible for the authenticity which are not verified by LCS;
3. The test results in this report are only responsible for the tested samples;
4. Without written approval of LCS, this report can't be reproduced except in full;
5. In case of any discrepancy between the corresponding Chinese and English contents in the test report, the Chinese version shall prevail.

*** End of Report ***

