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TEST REPORT

Client company	:	
Client address	:	
Manufacturer	:	
Address	:	

Report on the submitted samples said to be:

Sample Name	:	**Power bank**
Trade Mark	:	**N/A**
Tested Item No.	:	**62143**
Style Item No.	:	**62140**
Sample Receiving Date	:	**August 28, 2018**
Testing Period	:	**August 28, 2018 ~ September 18, 2018**
Results	:	**Please refer to next page(s).**

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Summary of Test Results:

TEST REQUEST

According to the customer's request, based on the performed tests on submitted sample, the results of lead(Pb), mercury(Hg), cadmium(Cd), hexavalent chromium(Cr^{6+}), polybrominated biphenyls(PBBs), polybrominated diphenyl(PBDEs) comply with the limits as set by EU RoHS Directive 2011/65/EU

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Signed for and on behalf of LCS

Center of Testing Service * APPROVED *

Written By: Linda Ning

Checked by: Suez Su

Approved by: Lily Dan
Manager

Results:

Test method:

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

Lead & Cadmium Content:

With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Mercury Content:

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

Hexavalent Chromium Content:

With reference to IEC 62321-7-1:2015 or 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)

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
1	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
2	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
3	Grey plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
4	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
5	White plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
6	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
7	Silver metal spring leaf	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	Negative		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
8	Silver needle	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	Negative		
		PBBs	BL	/		
		PBDEs	BL	/		
9	Silver metal spring leaf	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	Negative		
		PBBs	BL	/		
		PBDEs	BL	/		
10	Silver sheet metal	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	Negative		
		PBBs	BL	/		
		PBDEs	BL	/		
11	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
12	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
13	White plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
14	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
15	Silver sheet metal (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
16	Black plastic sheet (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
17	Silver needle (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
18	Silver sheet metal (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{r6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
19	Black plastic sheet (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
20	Silver needle (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
21	Black plastic sheet (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
22	Silver metal sheet (button -PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
23	Black plastic sheet (button -PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
24	Silver metal sheet (button -PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	Negative		
		PBBs	BL	/		
		PBDEs	BL	/		
25	White plastic sheet (button -PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
26	Silver metal needle (button -PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
27	Black transistor (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	X	N.D		
		PBDEs	X	N.D		
28	Brown Patch capacitor (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
29	Black chip resistor (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
30	Grey ceramics (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	N.D		
		PBBs	BL	/		
		PBDEs	BL	/		
31	Black IC (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
32	Black diode (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (C^{r6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
33	Brown ceramic capacitors (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
34	Solder (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
35	PCB board (PCB1)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	X	N.D		
		PBDEs	X	N.D		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
36	Gold wire	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
37	White cotton thread	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
38	Yellow plastic film	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
39	Grey ceramic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (C^{r6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
40	Silver sheet metal	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	X	Negative		
		PBBs	BL	/		
		PBDEs	BL	/		
41	White plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
42	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
43	Silver metal screws	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
44	Blue plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
45	Green plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
46	Yellow plastic film	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (C^{r6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
47	Black plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
48	Silver plastic sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
49	Green plastic sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
50	White plastic sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
51	White plastic sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
52	Silver metal sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
53	Silver metal sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (C^{r6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
54	Gold metal sheet (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
55	Black toner (battery)	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
56	Black plastic thread	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

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No.	Sample	Tested Item	XRF Screening results	Chemical test results (mg/kg)	**Conclusion**	Date of sample submission/re submission
57	Red plastic wire	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		
58	Blue plastic sheet	Lead (Pb)	BL	/	PASS	2018-08-28
		Cadmium Content (Cd)	BL	/		
		Mercury (Hg)	BL	/		
		Hexavalent Chromium (Cr^{6+})	BL	/		
		PBBs	BL	/		
		PBDEs	BL	/		

Note:

i 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≤70-3σ<X <130+3σ≤OL	BL≤70-3σ<X <130+3σ≤OL	BL≤50-3σ<X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ<X	BL≤700-3σ<X	BL≤500-3σ<X
Br	mg/kg	BL≤300-3σ<X	--	BL≤250-3σ<X

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Note:

BL = Below Limit
OL = Over Limit
X = Inconclusive

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

iii The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2011/65/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
Polybrominated diphenylethers (PBDEs)	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.

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Note:

- Negative = Absence of Cr(Ⅵ) on the tested areas
- MDL = Method Detection Limit
- N/A = Not apply
- /= Undetected
- mg/kg = ppm
- ** = Spot-test:
  Negative = Absence of Cr(Ⅵ) coating/ surface layer, Positive = Presence of Cr(Ⅵ) coating/ surface layer; (The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed)
  Boiling-water-extraction:
  Negative = Absence of Cr(Ⅵ) coating/ surface layer, Positive = Presence of Cr(Ⅵ) coating/ surface layer; (The detected concentration in boiling- water-extraction solution is equal or greater than 0.02 mg/kg with 50cm^2 sample surface areas.)
- # =
  Positive indicates the presence of Cr(Ⅵ) on the tested areas and result be regarded as conflict with RoHS requirement.
  Negative indicates the absence of Cr(Ⅵ) on the tested areas and result be regarded as no conflict with RoHS requirement.

#1 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted in glass of cathode ray tubes, electronic components and fluorescent tubes.

#2 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted in electronic ceramic parts (e.g. piezoelectronic devices).

#3 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.

#4 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

#5 According to the statement provided by the customer, according to RoHS directive 2011/65/EU and its amendments, Lead is exempted as an alloying element in Aluminum containing up to 0.4% (4000ppm) by weight.

#6 According to the statement provided by the customer, according to RoHS directive 2011/65/EU and its amendments, Cadmium and its compounds in electrical contact is exempted.

- Flow chart appendix is included.
- Photo appendix is included.

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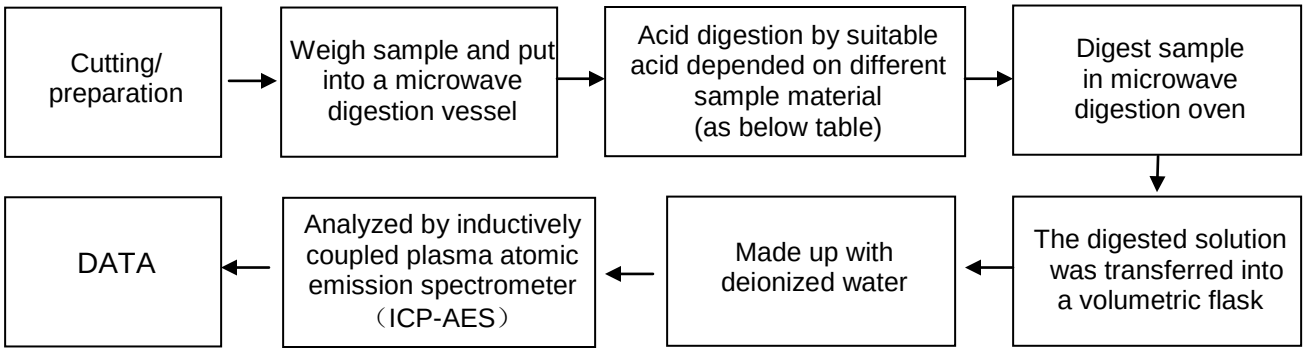
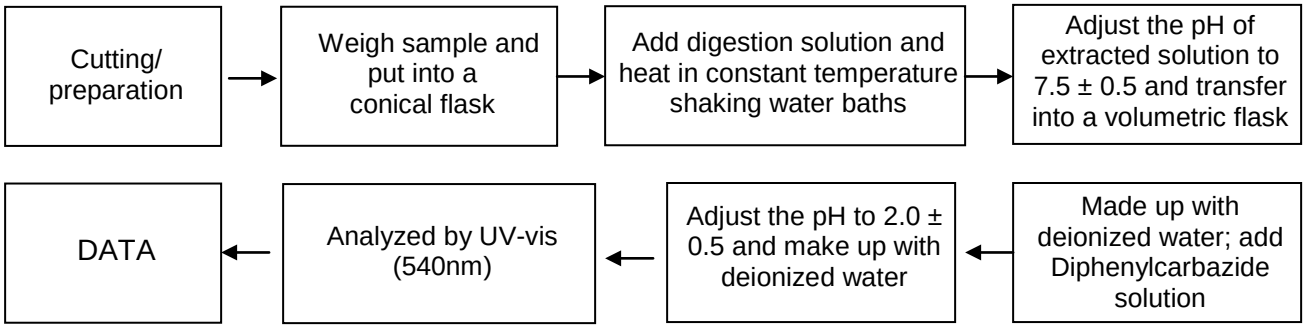
AppendixI

Test Flow chart

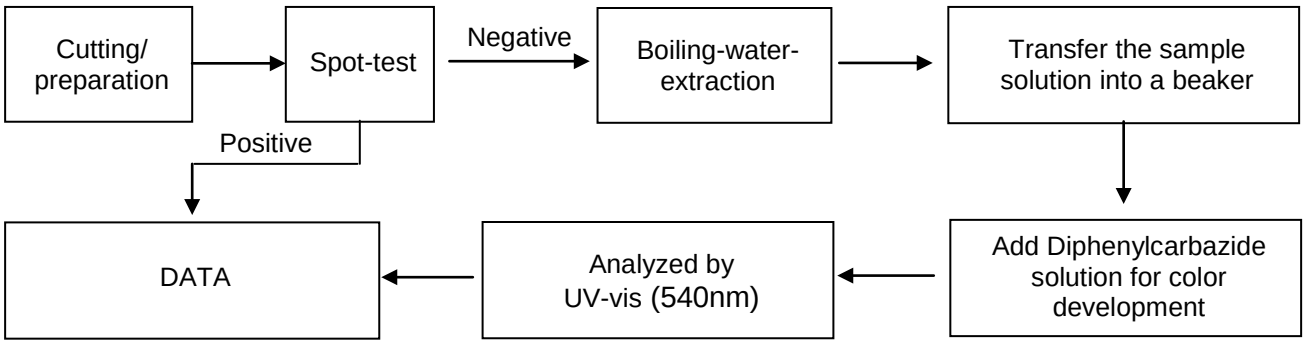
1. Test Flow chart for Cd / Pb /Hg content
These samples were dissolved totally by pre-conditioning method according to below flow chart.



2. Test Flowchart for Cr^{6+} content (For non-metal material)



Test Flowchart for Cr^{6+} content (For metal material)



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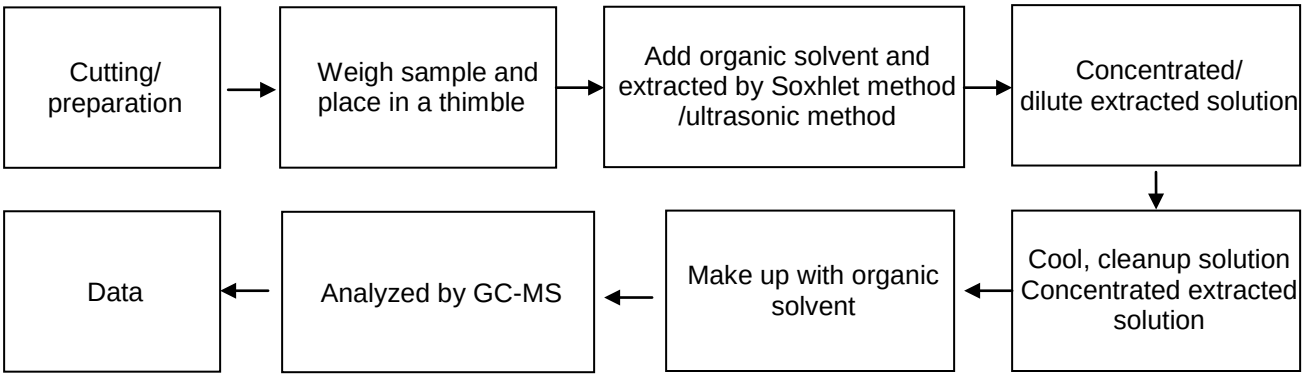
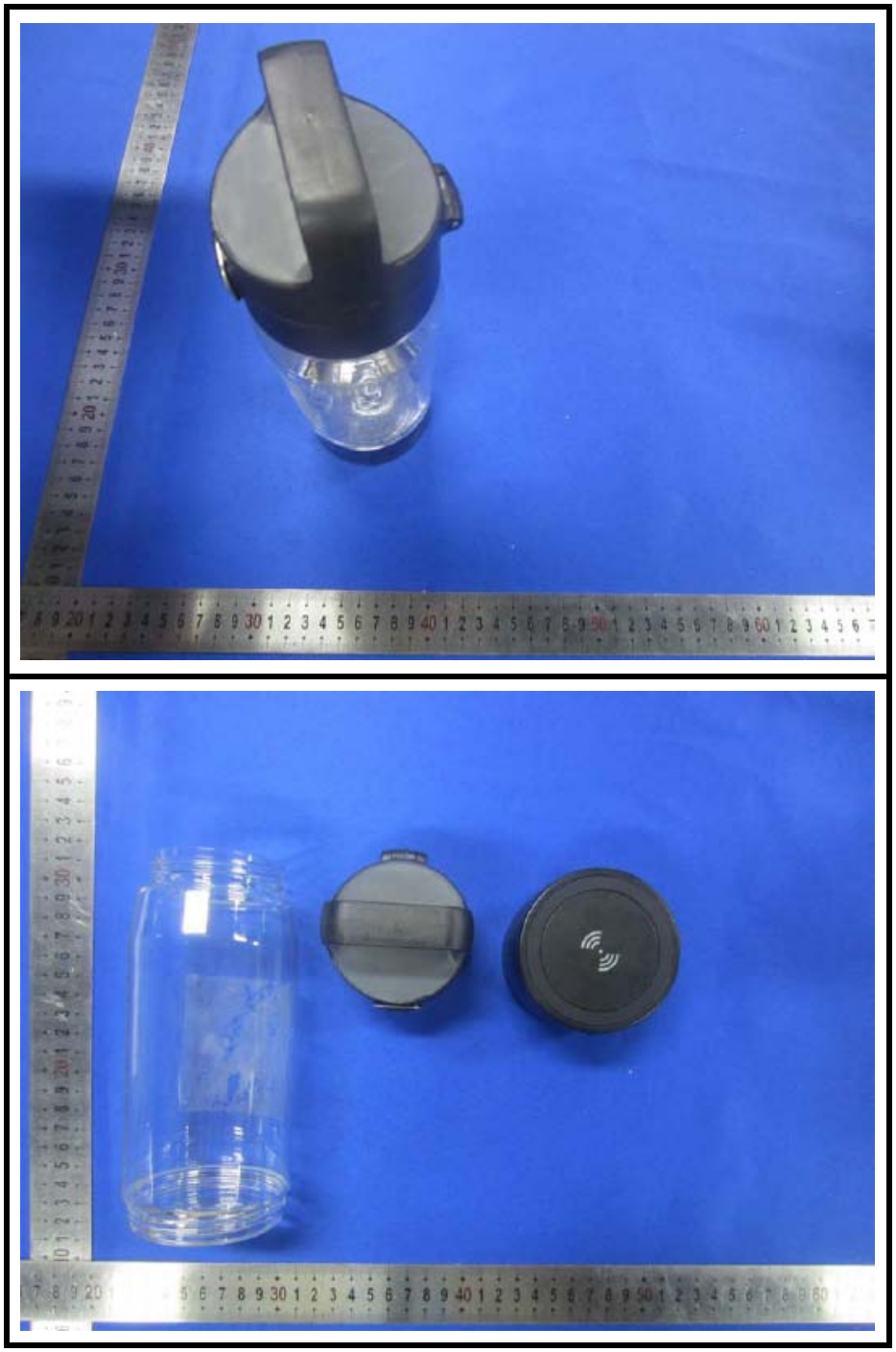
3. Test Flowchart for PBBs & PBDEs content

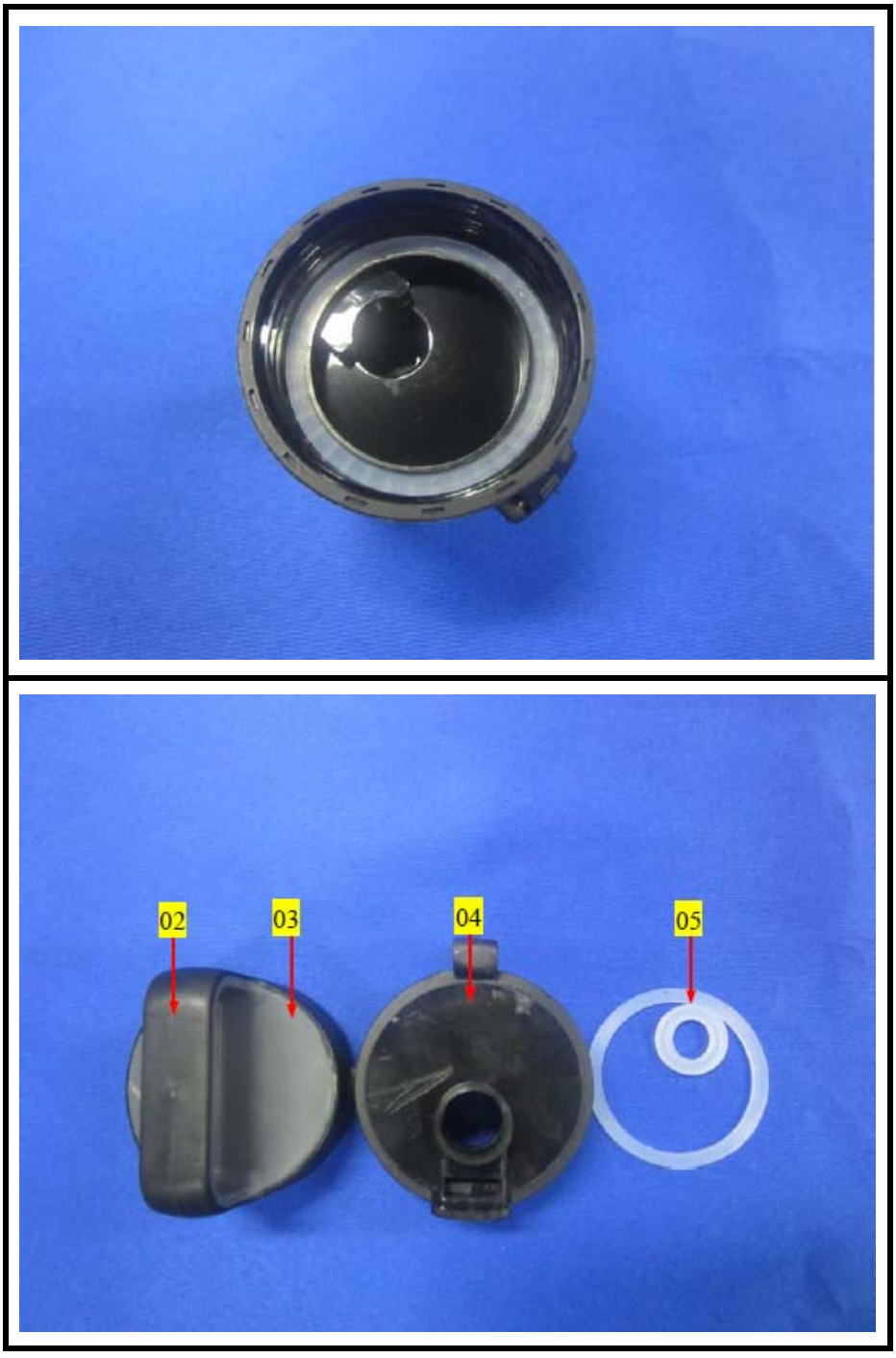


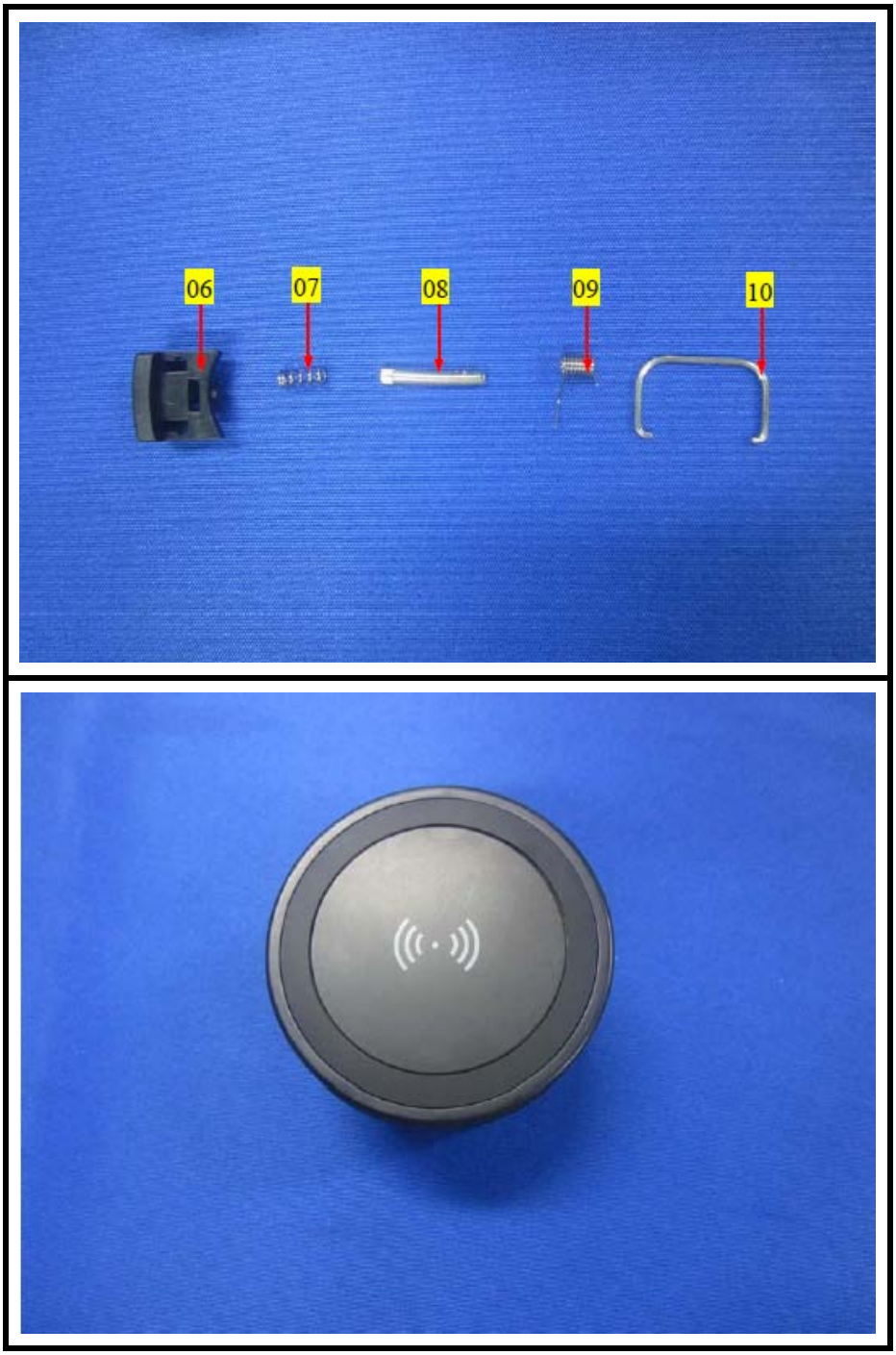
AppendixII

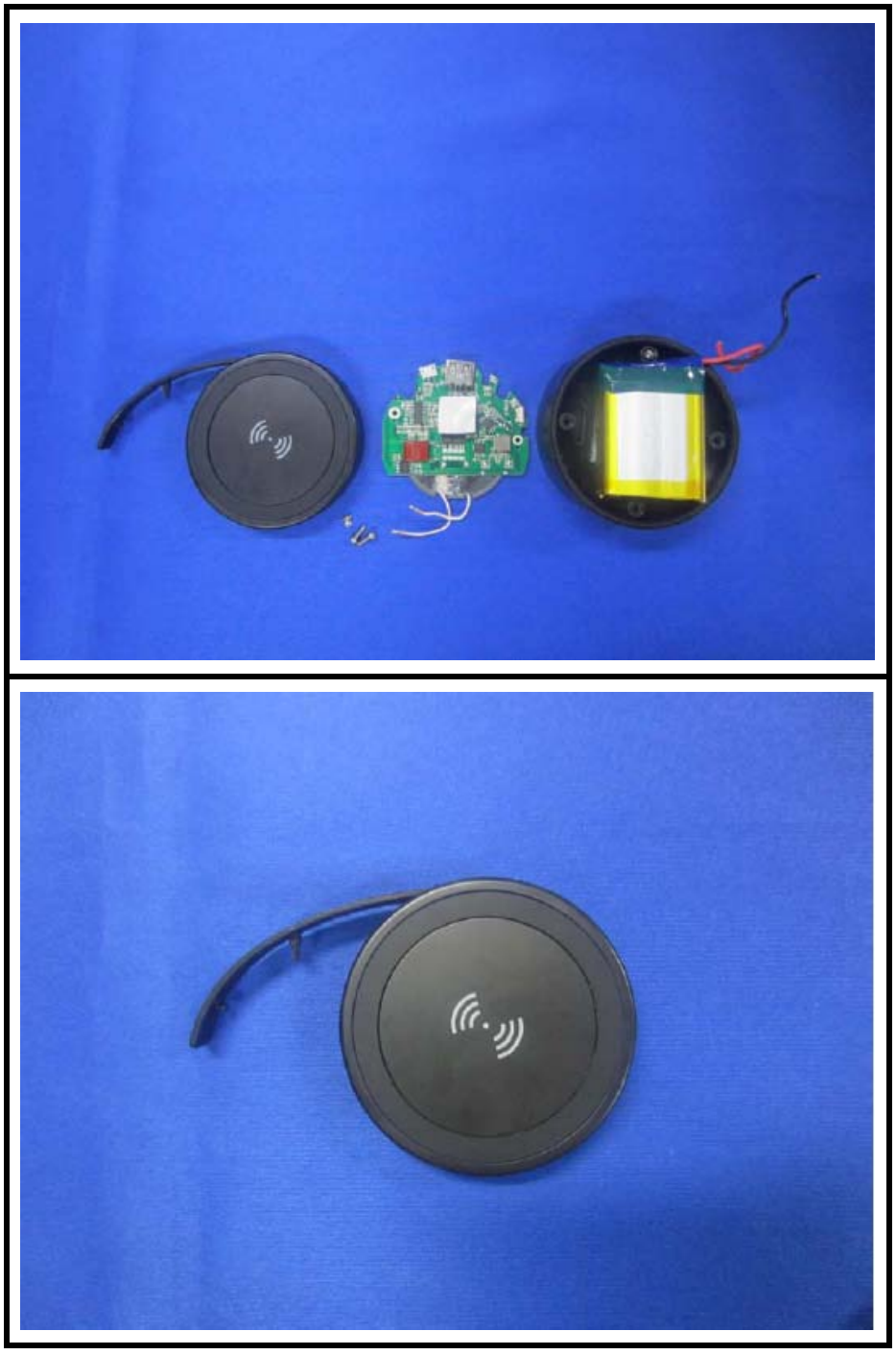
Photograph of Sample

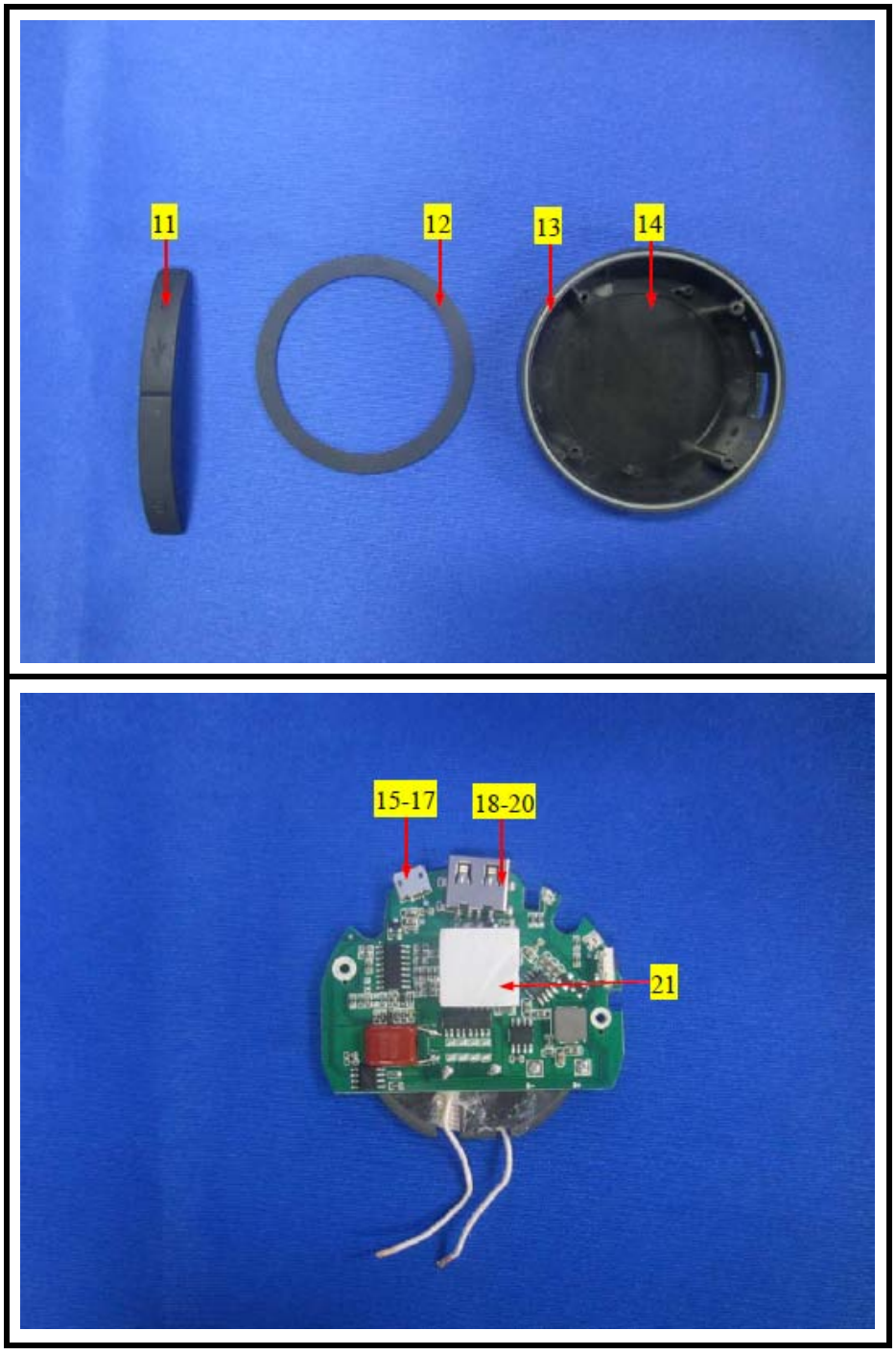
Test Item No.: 62143

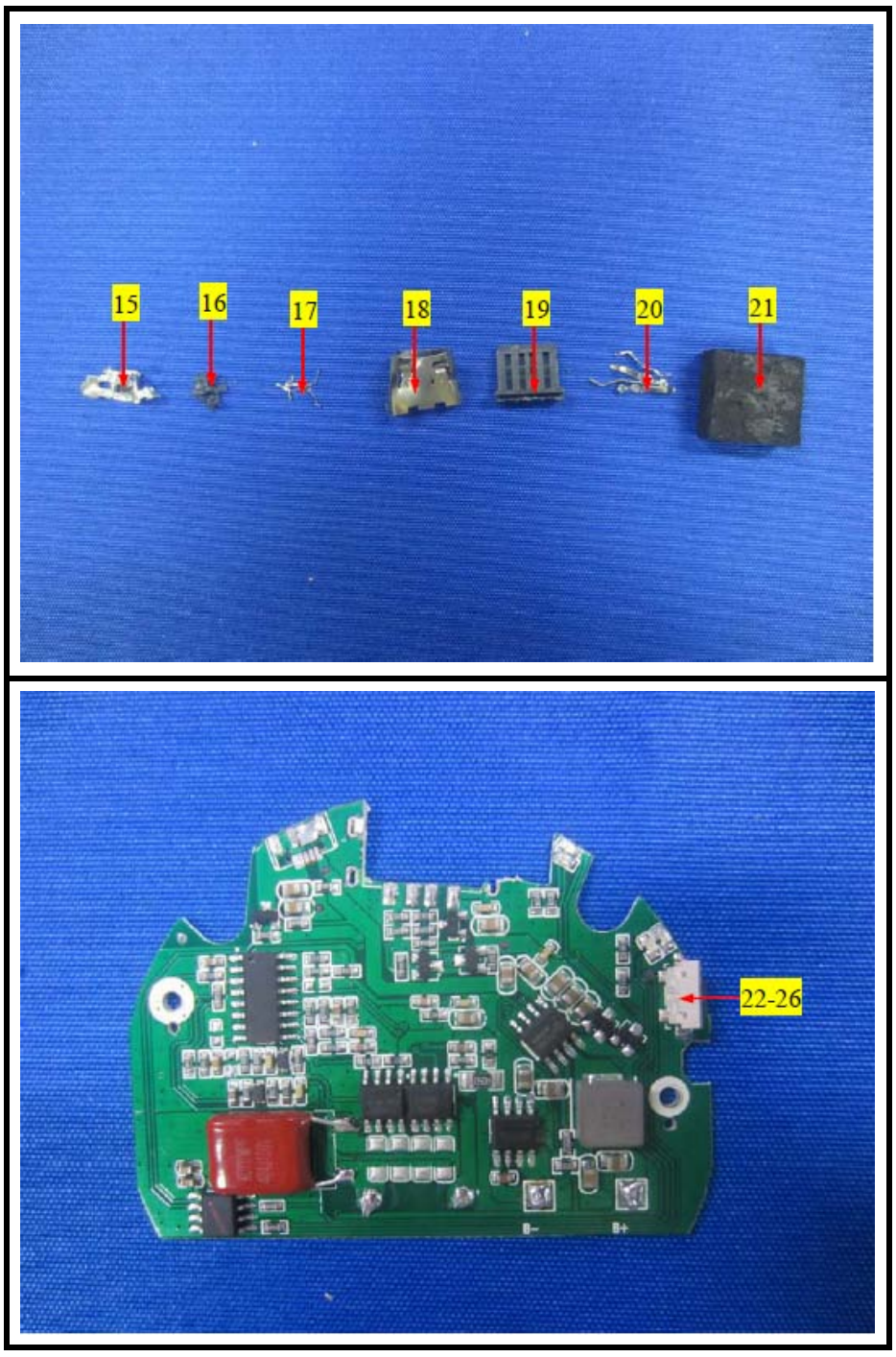


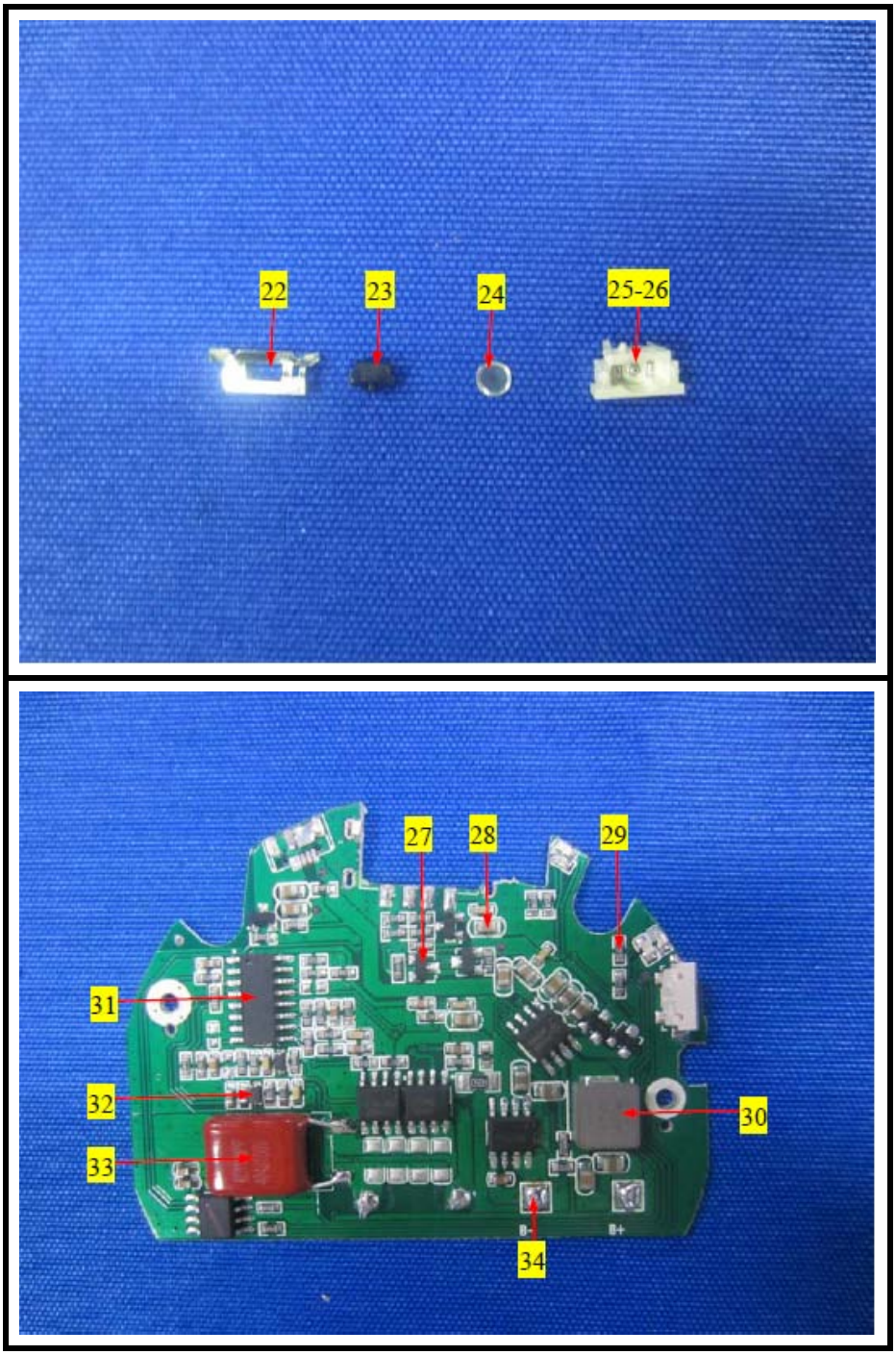


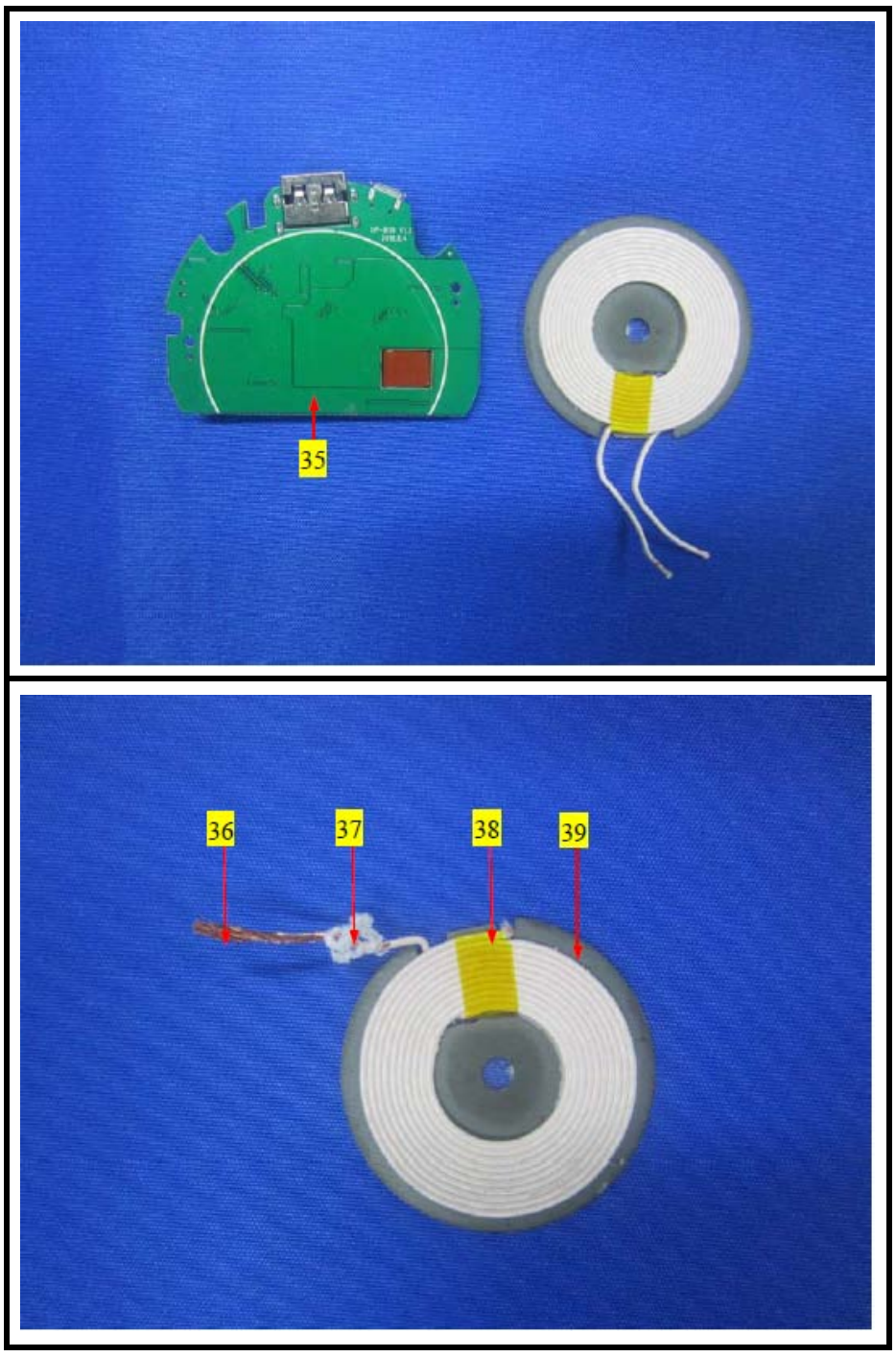


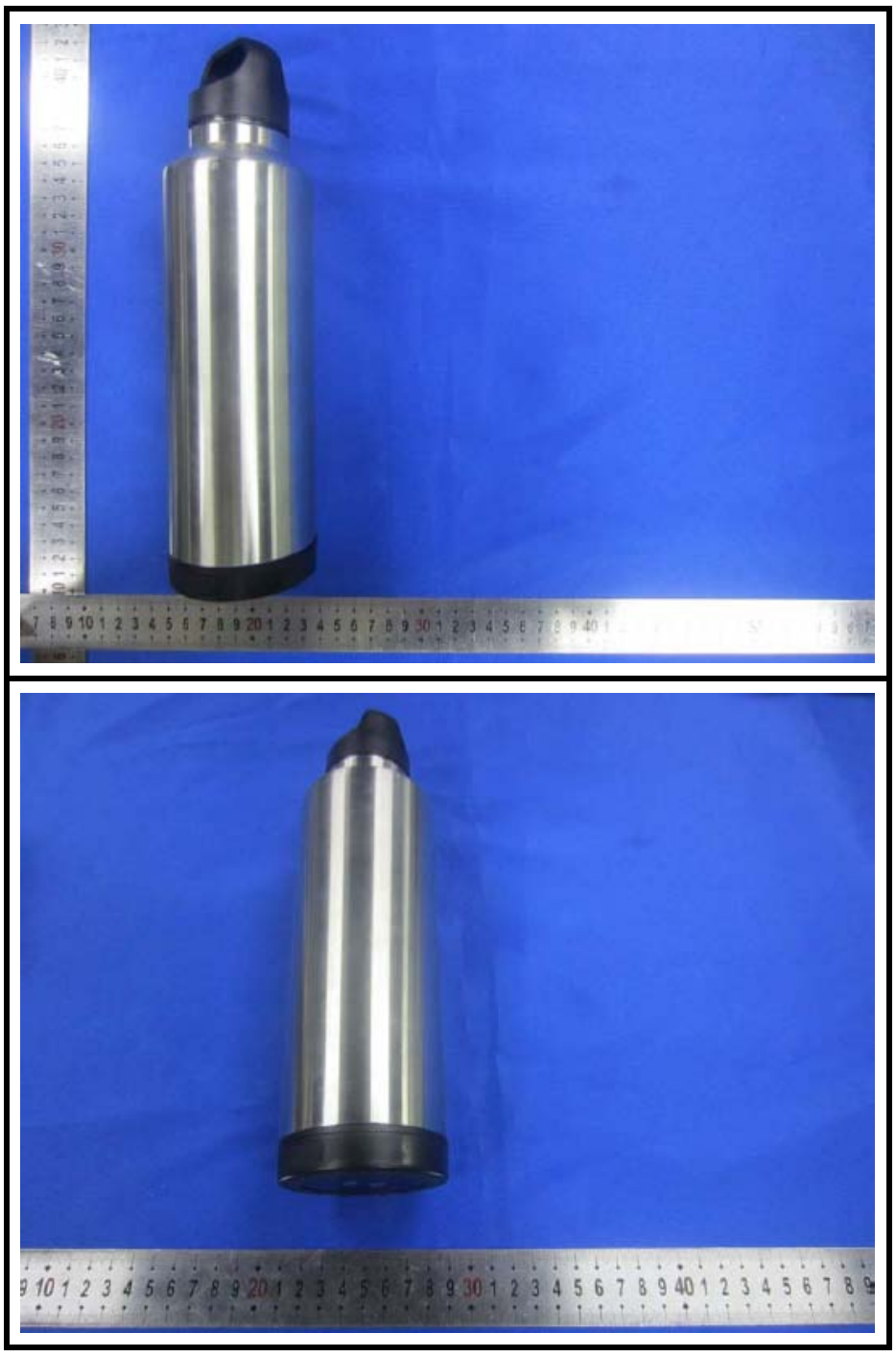


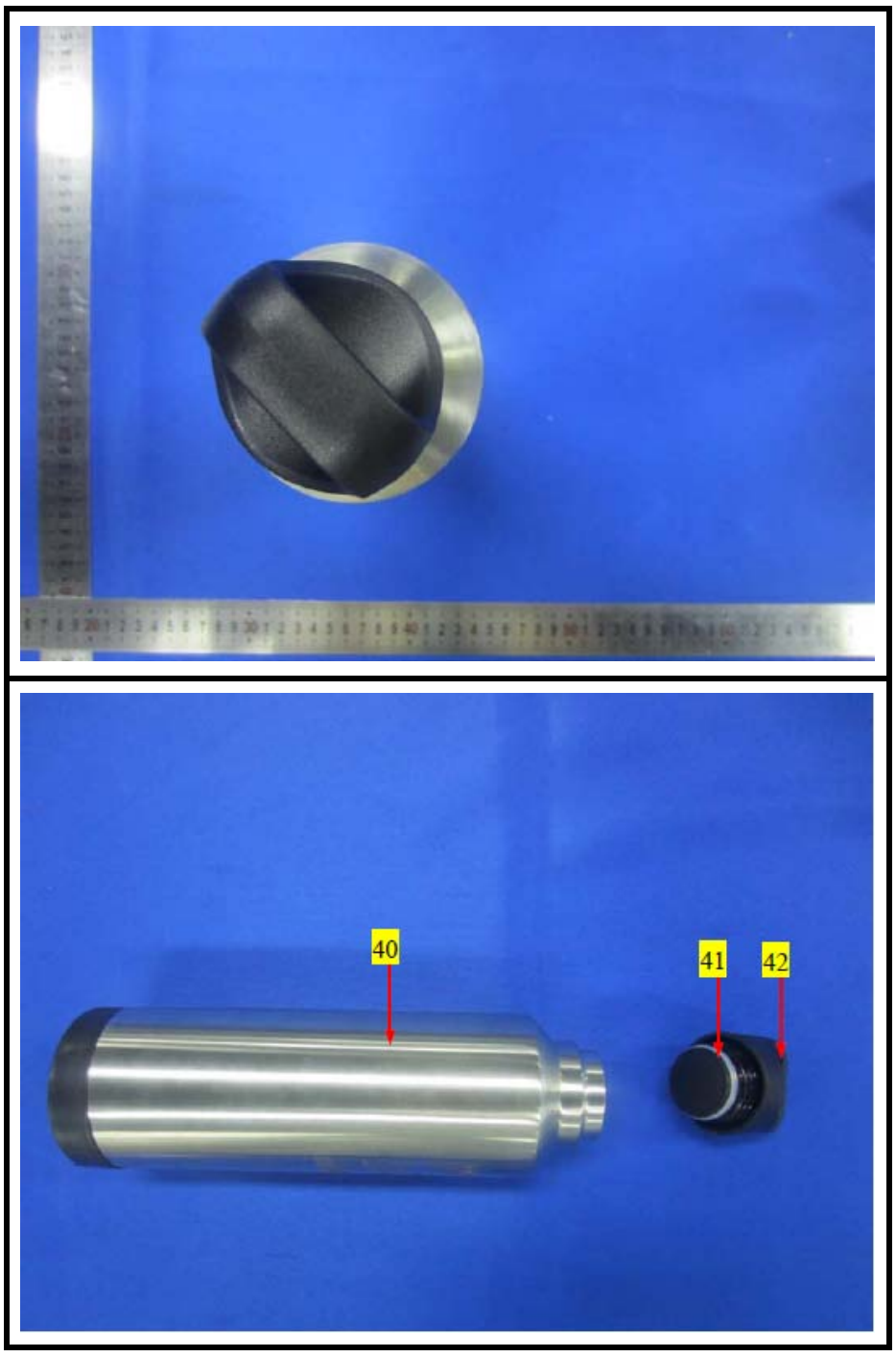


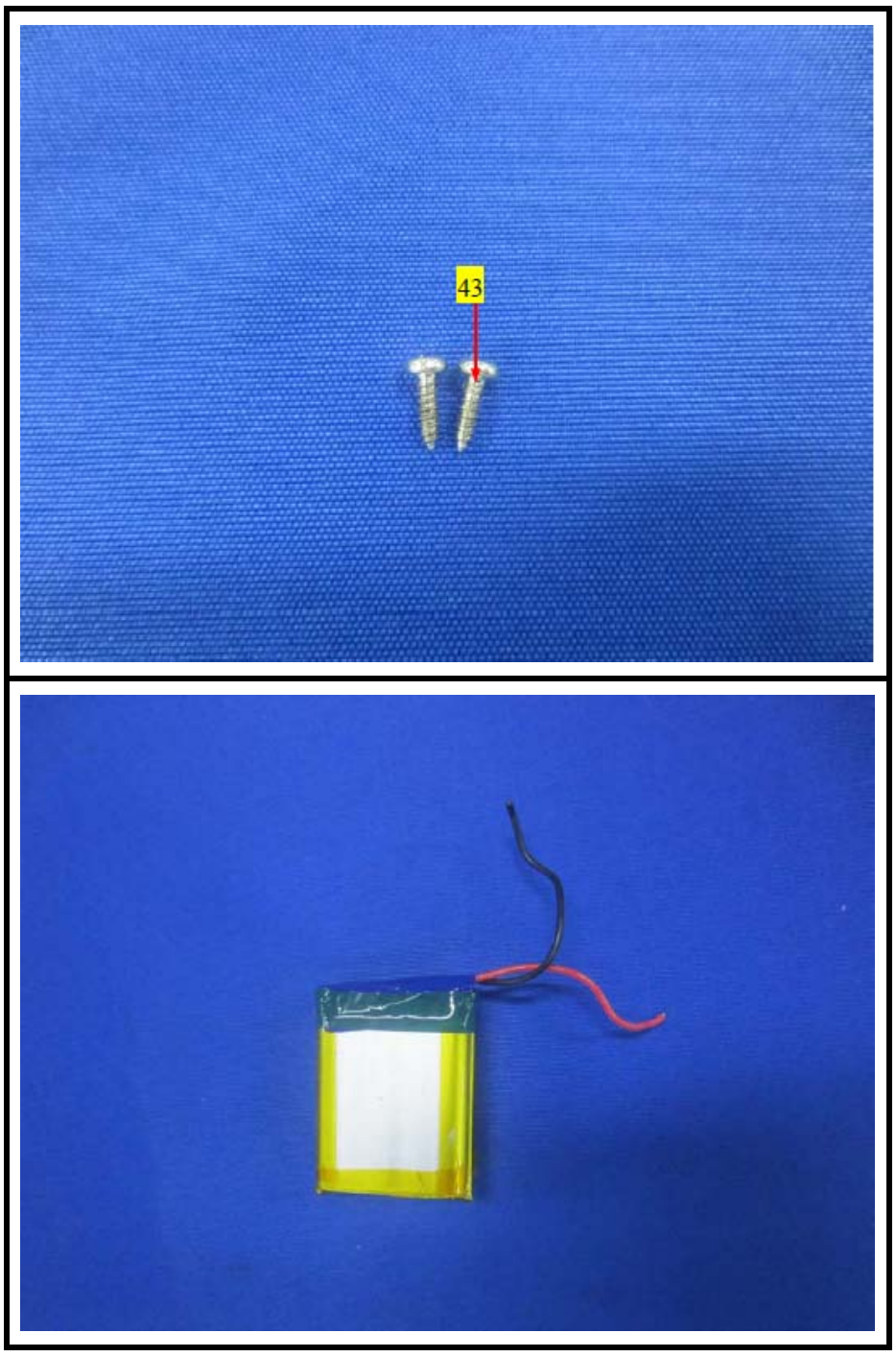


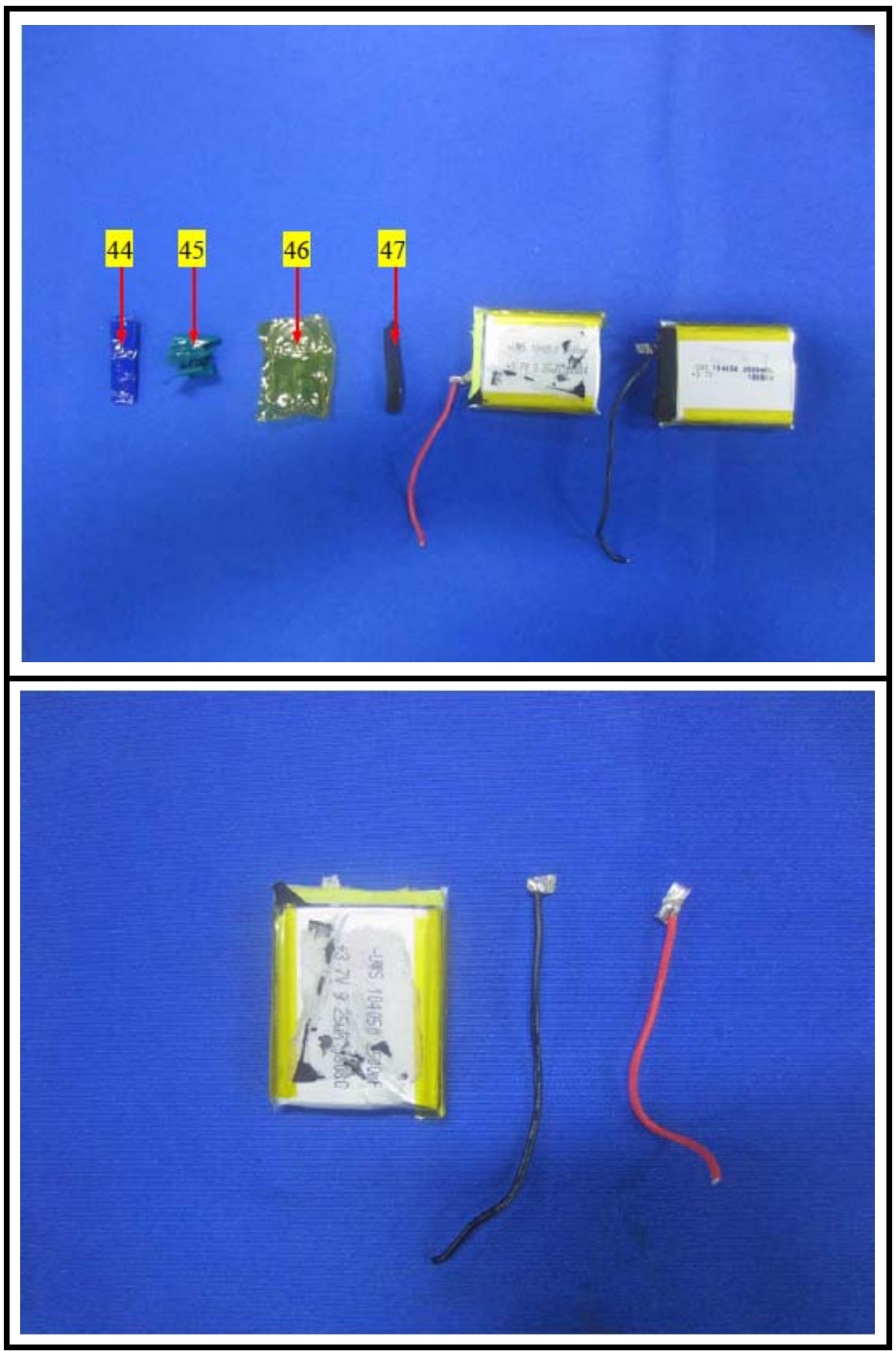


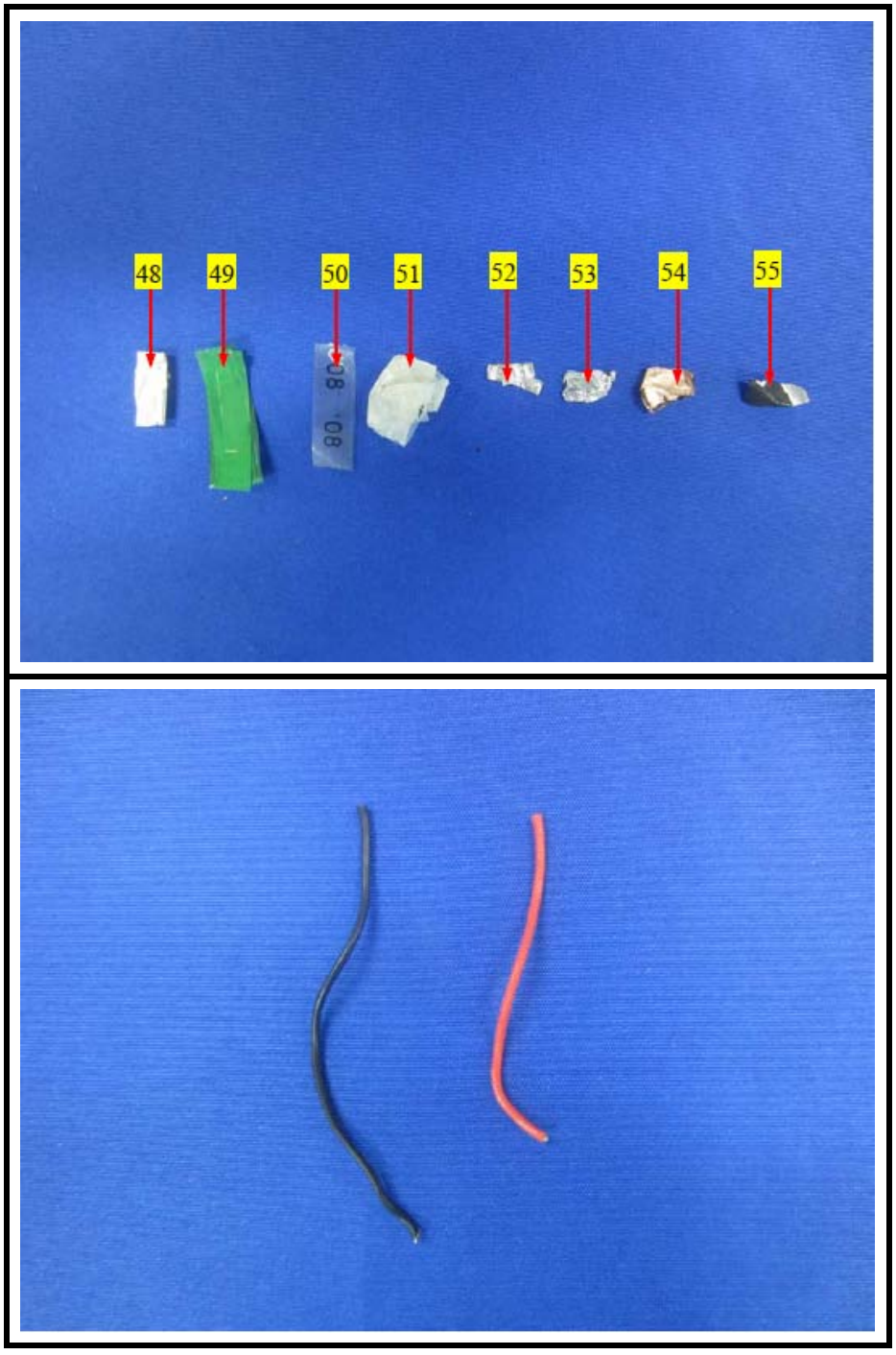


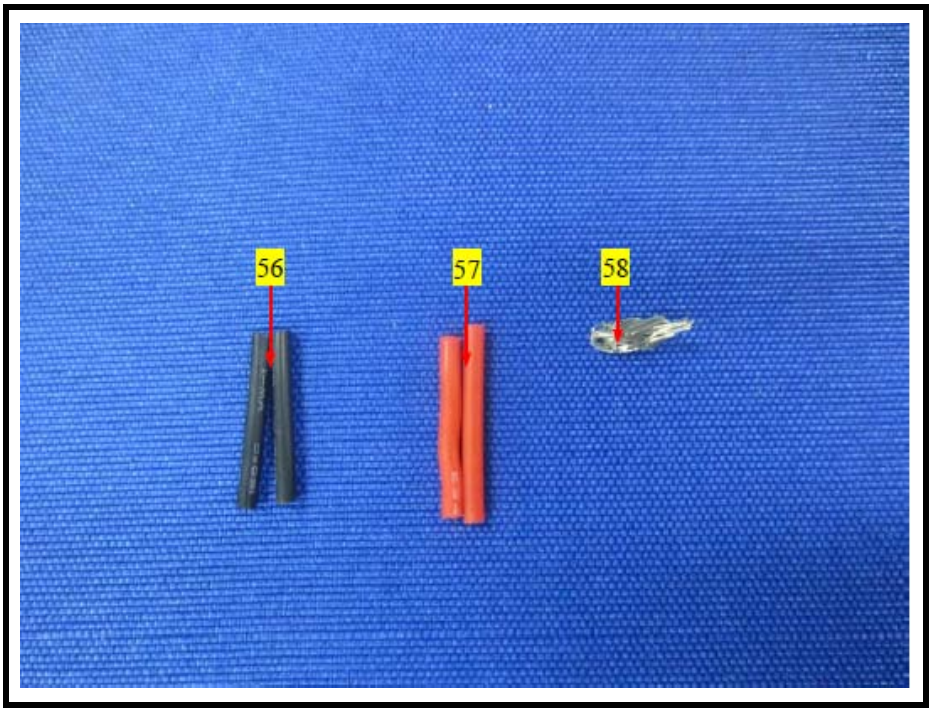












LCS authenticate the photo on original report only

********** End of Report **********

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