



TEST REPORT

Applicant : Zendure USA Inc.

Address : 1765 E BAYSHORE RD # 201 EAST PALO ALTO, CA 94303-5501

Report on the submitted samples said to be:

Sample Name(s) : SolarFlow 800 Pro 2 Power Station,
SolarFlow 800 AC+ 2 Power Station

Trade Mark : 

Tested Model No. : ZDA2503

Model List^{##} : ZDA2504

Sample Received Date : August 29, 2025
October 21, 2025

Testing Period : August 29, 2025 ~ September 26, 2025
October 21, 2025 ~ October 23, 2025

Date of Report : November 06, 2025

Testing Location : Room 101-106/202-206, Building 037, No.166, Jinghua Road, Meixu Street,
Ningbo High-tech Zone, Yinzhou District, Ningbo, Zhejiang, 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

^{##}=According to client's declaration, tested material would be produced as relevant product(s).

Signed for and on behalf of Xuntong

Miranda Mo /Laboratory Manager

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Ningbo Xuntong Standard Technology Service Co., Ltd.
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**A. EU RoHS Directive 2011/65/EU and its amendment directives**

Test method: Refer to 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	Grey metal	BL	BL	BL	BL	/	/	2025-08-29
2	Black hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
3	Silver metal	BL	X	BL	X	/	/	2025-08-29
4	Silver metal	X	BL	BL	X	/	/	2025-08-29
5	Milk white hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
6	Beige hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
7	PCB board	BL	BL	BL	BL	BL	BL	2025-08-29
8	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-08-29
9	Black nut	BL	BL	BL	BL	BL	BL	2025-08-29
10	Bronze metal	BL	OL	BL	BL	/	/	2025-10-21
11	Bronze metal	BL	OL	BL	BL	/	/	2025-10-21
12	Sealing ring	BL	BL	BL	BL	BL	BL	2025-08-29
13	Green hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
14	Black soft plastic	BL	BL	BL	BL	X	X	2025-08-29
15	Black hard plastic	BL	BL	BL	BL	BL	BL	2025-10-21
16	Silver metal	BL	X	BL	BL	/	/	2025-08-29
17	Yellow hard plastic	BL	BL	BL	BL	BL	BL	2025-10-21
18	Red silicone	BL	BL	BL	BL	BL	BL	2025-08-29
19	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-08-29
20	Silver wire core	OL	BL	BL	BL	/	/	2025-08-29
21	Green casing	BL	BL	BL	BL	BL	BL	2025-08-29
22	Black hard plastic	BL	BL	BL	BL	BL	BL	2025-10-21
23	Heat shrink tubing	BL	BL	BL	BL	X	X	2025-08-29
24	Black silicone	BL	BL	BL	BL	BL	BL	2025-08-29
25	Black hard plastic	BL	BL	BL	BL	BL	BL	2025-10-21
26	Silver metal	BL	BL	BL	BL	/	/	2025-08-29
27	Skin seal	BL	BL	BL	BL	BL	BL	2025-08-29
28	Black thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
29	Brown plastic	BL	BL	BL	BL	BL	BL	2025-10-29
30	Blue thread leather	BL	BL	BL	BL	BL	BL	2025-08-29

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Sample No.	Sample Description	Screening Result(s)						Date of sample submission/ Resubmission
		Cd	Pb	Hg	Cr▼	Br▼		
						PBBs	PBDEs	
31	Label paper	BL	BL	BL	BL	BL	BL	2025-08-29
32	Black hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
33	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-08-29
34	Orange thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
35	Yellow line leather	BL	BL	BL	BL	BL	BL	2025-08-29
36	Blue thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
37	Green thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
38	Brown thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
39	Black thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
40	Red line leather	BL	BL	BL	BL	BL	BL	2025-08-29
41	White hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
42	PCB board	BL	BL	BL	BL	BL	BL	2025-08-29
43	Soldering	BL	BL	BL	BL	/	/	2025-08-29
44	Colored thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
45	Sealing ring	BL	BL	BL	BL	BL	BL	2025-10-21
46	Silver screw	OL	BL	BL	X	/	/	2025-08-29
47	Silver screw	BL	BL	BL	BL	/	/	2025-08-29
48	Black screw	BL	BL	BL	X	/	/	2025-08-29
49	Black screw	OL	X	BL	BL	/	/	2025-08-29
50	Black soft plastic	BL	BL	BL	BL	BL	BL	2025-08-29
51	Silver Pin	BL	BL	BL	BL	/	/	2025-08-29
52	Black hard plastic	BL	BL	BL	BL	BL	BL	2025-08-29
53	Blue thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
54	Copper colored wire core	BL	X	BL	BL	/	/	2025-08-29
55	Brown thread leather	BL	BL	BL	BL	BL	BL	2025-08-29
56	Black thread leather	BL	BL	BL	BL	BL	BL	2025-08-29





Note:

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(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
 - 3σ = 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), PBBs, PBDEs, DBP, BBP, DEHP & DIBP content**

Test method:

Lead(Pb) 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).

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)

Tested Item	MDL (mg/kg)	Test Result(s) (mg/kg)		Limit (mg/kg)
		10	11	
Lead(Pb) Content	5	21816 ^{#1}	21308 ^{#1}	1000

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

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)				Limit (mg/kg)
		8	12	14	18	
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)
		19	21	23	24	
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

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Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)				Limit (mg/kg)
		27	28	30	33	
Dibutyl Phthalate(DBP) Content	50	N.D.	502	312	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)
		34	35	36	37	
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)
		38	39	40	44	
Dibutyl Phthalate(DBP) Content	50	N.D.	N.D.	322	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)
		45	50	53	55	
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)
		56	
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)
		2+5+6+7+9+13	
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)
		31+41+42+52	
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)
		29	31	
Dibutyl Phthalate(DBP) Content	50	78	N.D.	1000
Butylbenzyl Phthalate(BBP) Content	50	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP) Content	50	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP) Content	50	N.D.	N.D.	1000





Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)				Limit (mg/kg)
		15	17	22	25	
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)
		29	
Dibutyl Phthalate(DBP) Content	50	141	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



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

Tested Item(s)	MDL (mg/kg)	Test Result(s) (mg/kg)			Limit (mg/kg)
		14	17	23	
Polybrominated Biphenyls(PBBs) Content					
Monobromobiphenyl	5	N.D.	N.D.	N.D.	/
Dibromobiphenyl	5	N.D.	N.D.	N.D.	/
Tribromobiphenyl	5	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	/
Octabromobiphenyl	5	N.D.	N.D.	N.D.	/
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	/
Decabromodiphenyl	5	N.D.	N.D.	N.D.	/
Total content	/	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers(PBDEs) Content					
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	/
Total content	/	N.D.	N.D.	N.D.	1000





Note:

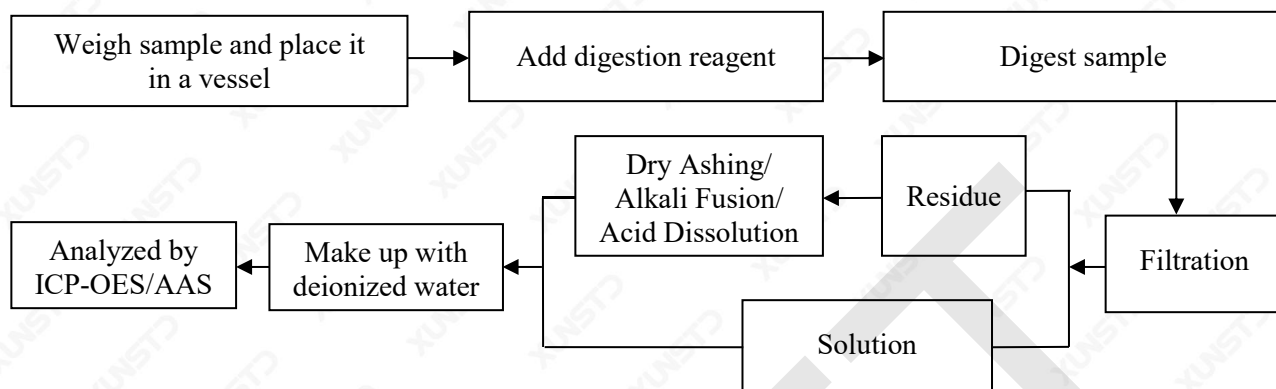
- MDL = Method Detection Limit
 - N.D. = Not Detected (<MDL)
 - mg/kg= milligram per kilogram=ppm
 - According to customer's requirement, only the appointed materials have been tested.
- #1 According to RoHS Directive 2011/65/EU and its amendments, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.



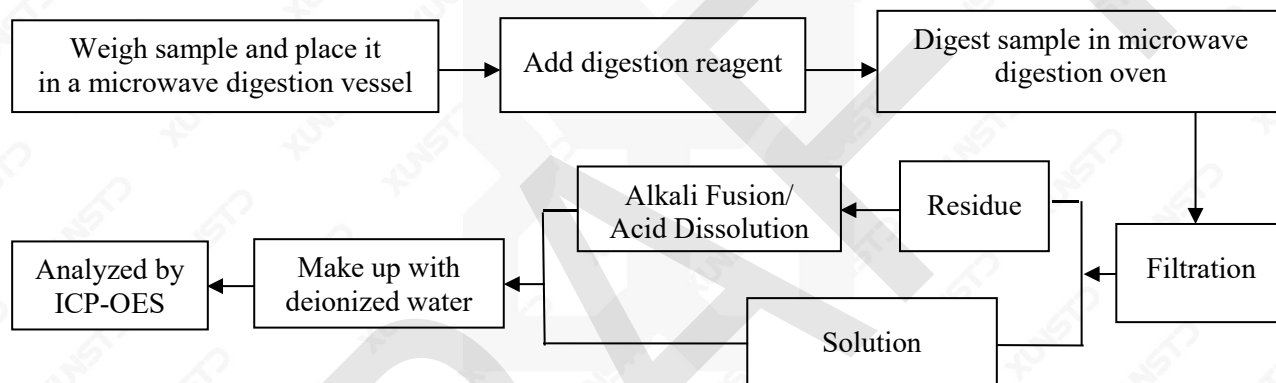


Test Process

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

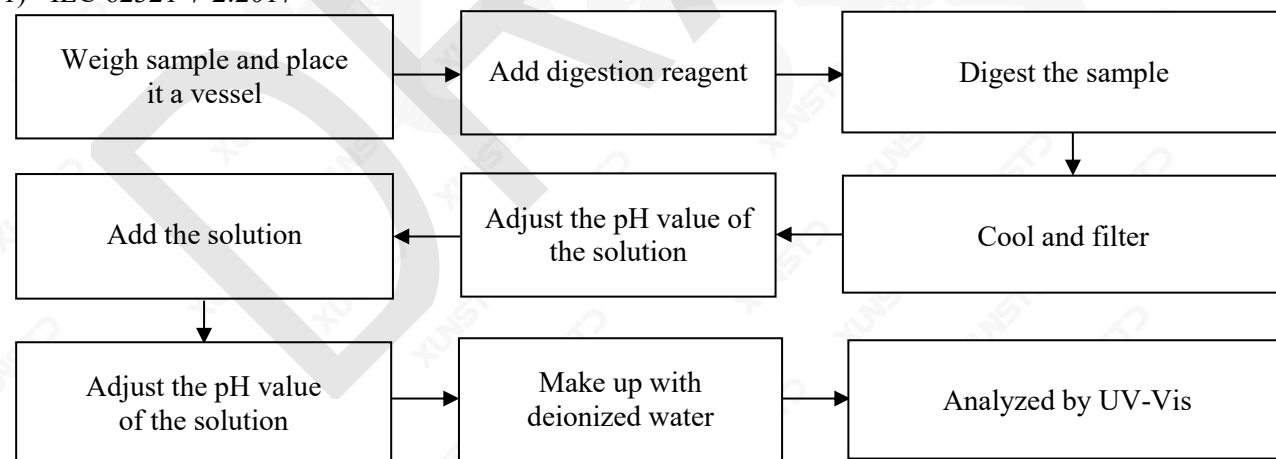


2. Mercury(Hg): IEC 62321-4:2013+AMD1:2017 CSV



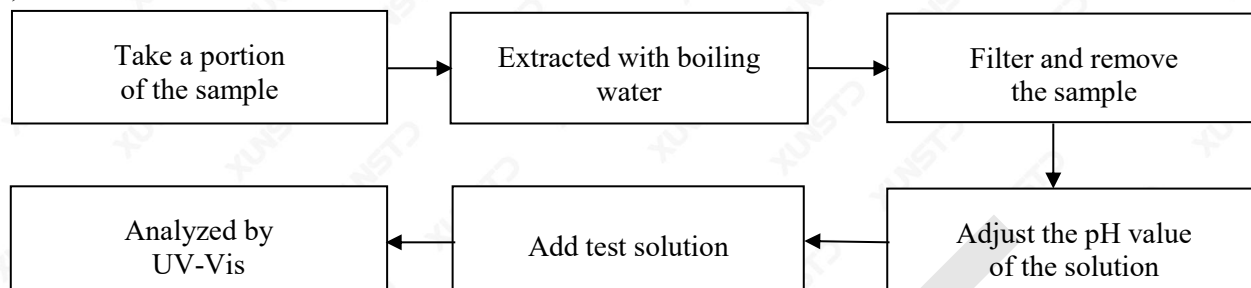
3. Hexavalent Chromium(Cr(VI))

1) IEC 62321-7-2:2017

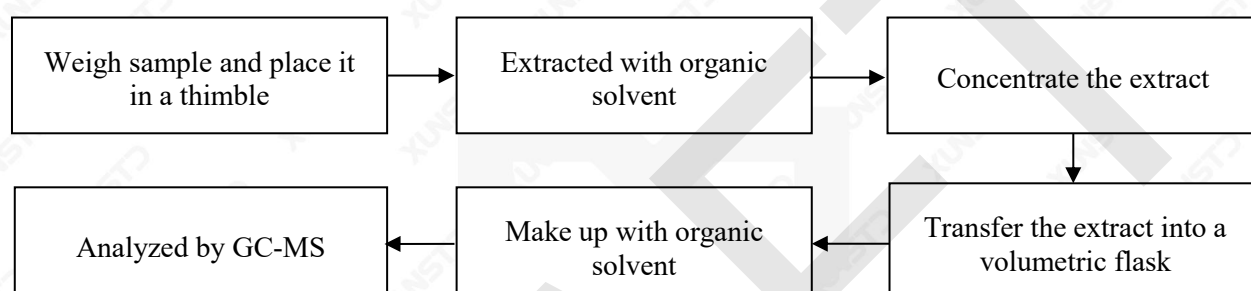




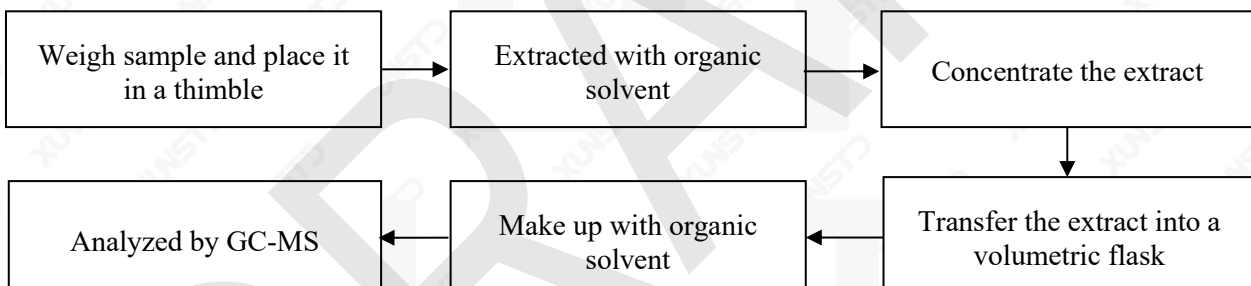
2) IEC 62321-7-1:2015



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



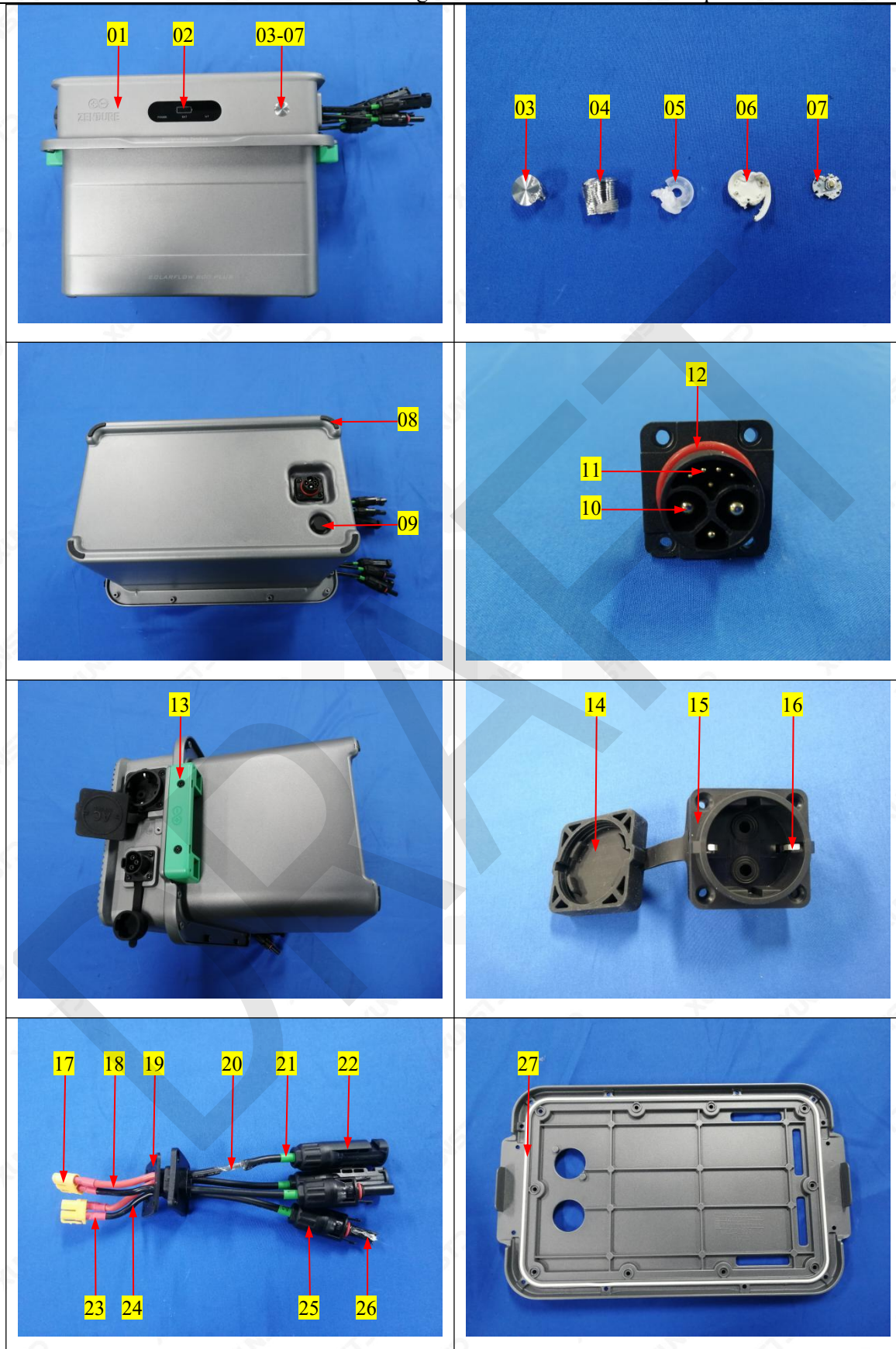
5. Phthalates(DBP, BBP, DEHP & DIBP) : IEC 62321-8:2017

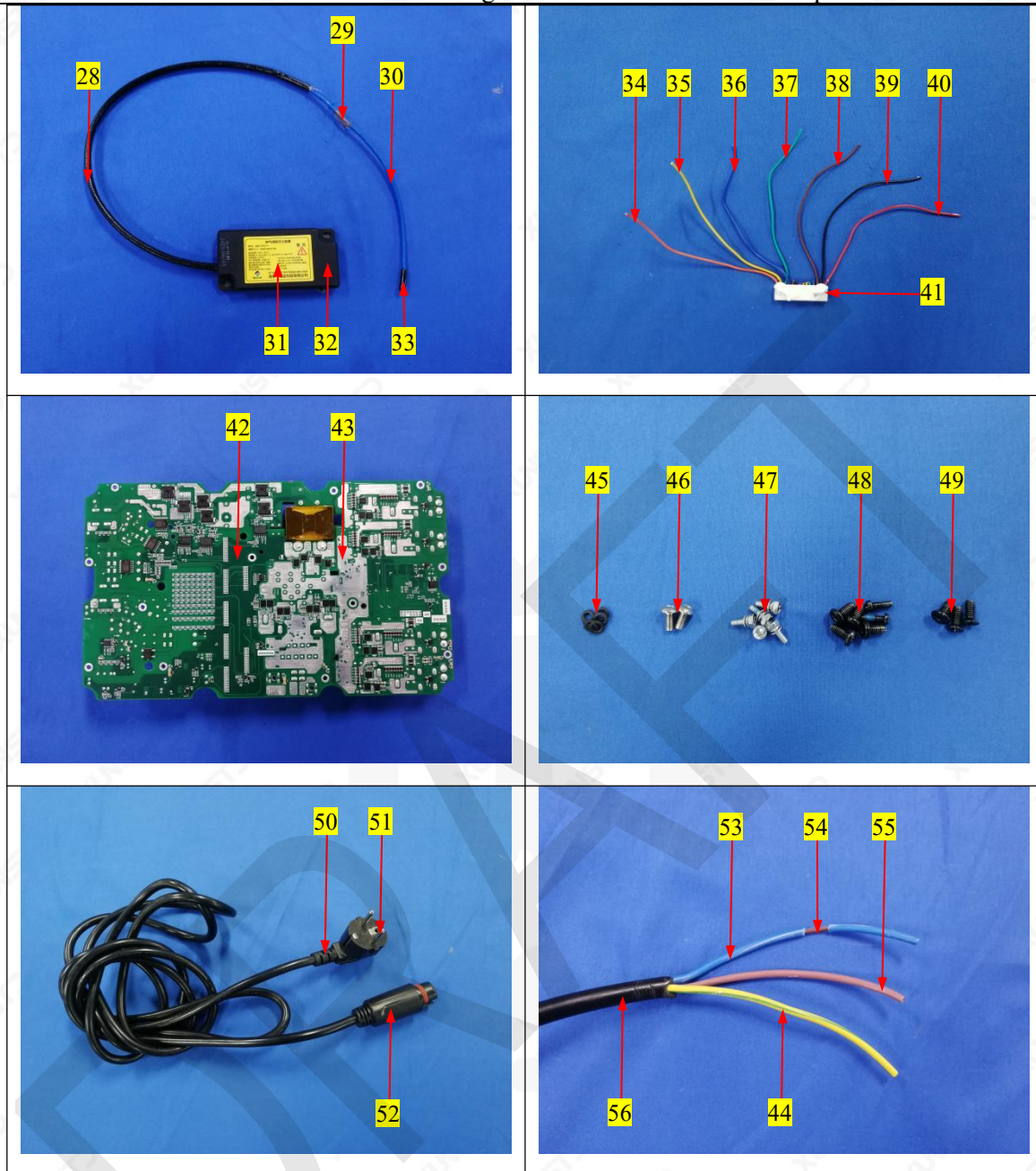




The photo(s) of the sample







**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 Xuntong;
3. The test results in this report are only responsible for the tested samples;
4. Without written approval of Xuntong, 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 ***

