中国认可
国际互认
检测
TESTING
CNAS L16762

TEST REPORT

Applicant:	**SDAPO Communication Co., Ltd.**
Address:	**5F, W2, Chengxin Building, Tian An Shen Chuang Valley Industrial Center, Fenggang Town, Dongguan City, Guangdong Province, China**

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The following sample(s) and information were provided by the client. Dinghua does not assume any responsibility for verifying the accuracy, appropriateness, and/or completeness of the information provided.

Manufacturer:	**SDAPO Communication Co., Ltd.**
Address:	**5F, W2, Chengxin Building, Tian An Shen Chuang Valley Industrial Center, Fenggang Town, Dongguan City, Guangdong Province, China**
Production plant:	**SDAPO Communication Co., Ltd.**
Address:	**5F, W2, Chengxin Building , Tian An Shen Chuang Valley Industrial Center, Fenggang Town, Dongguan City, Guangdong Province, China**
Sample name:	**POE injector**
Sample Condition:	**Intact**
Model:	**PSE802G**
Client Ref. Information:	**PSE801, PSE30G, PSE801G, PSE30TG, PSE30, PSE30WG-B, PSE60G, PSE156G, PSE60G-BT, PSE90G, PSE60BT-10G, PSE60BT-2.5G, PSE90BT-10G, PSE90BT-2.5G, POE-4805L, PSE24-30TG, PSE60C, PSE30C, PSE90C**
Sample Receiving Date:	**Mar. 05, 2026**
Testing Period:	**Mar. 05, 2026 ~ Mar. 11, 2026**
Test Method(s):	**Please refer to next page(s).**
Test Result(s):	**Please refer to next page(s).**

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Test Requirement	Conclusion
EU RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis (2-ethylhexyl) phthalate(DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	**Pass**
Note: The judgment rule complies with the simple binary judgment rule	

********** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE (S) **********

Dinghua Internation Certification Co.,Ltd.

Signature of Authorized Representative

Jiang Hanlin

Authorized signatory

1.Tested components

Part No.	Sample Description	REMARK
1	Black Plastic Shell	SEE THE PHOTO
2	Orange Red And Silver Plastic Stickers	SEE THE PHOTO
3	Blue And White Stickers	SEE THE PHOTO
4	Black And Silver Plastic Stickers	SEE THE PHOTO
5	Silver And Black Plastic Stickers	SEE THE PHOTO
6	White Dry Glue	SEE THE PHOTO
7	Silver Metal Sheet	SEE THE PHOTO
8	Black Plastic Shell	SEE THE PHOTO
9	Internal Silver Metal Plug	SEE THE PHOTO
10	Black Plastic Shell	SEE THE PHOTO
11	Green LED	SEE THE PHOTO
12	Yellow LED	SEE THE PHOTO
13	Black Magnetic Pillar	SEE THE PHOTO
14	Black IC	SEE THE PHOTO
15	Silver Metal Frame	SEE THE PHOTO
16	Yellow Capacitor	SEE THE PHOTO
17	Black Thermistor	SEE THE PHOTO
18	Silver Metal Shell	SEE THE PHOTO
19	Internal Black Plastic Interface	SEE THE PHOTO
20	Silver Metal Pins	SEE THE PHOTO
21	Black Diode	SEE THE PHOTO
22	Yellow Tape	SEE THE PHOTO
23	Black Magnet Frame	SEE THE PHOTO
24	Black Plastic Frame	SEE THE PHOTO
25	Black Plastic Outer Skin	SEE THE PHOTO
26	Silver Metal Shell	SEE THE PHOTO
27	Bottom Black Soft Plastic Plug	SEE THE PHOTO
28	Silver Metal End	SEE THE PHOTO
29	Transparent Glass Tube	SEE THE PHOTO
30	Blue Capacitor	SEE THE PHOTO
31	Blue Capacitor	SEE THE PHOTO
32	Color Ring Resistor	SEE THE PHOTO
33	Silver Metal Sheet	SEE THE PHOTO
34	Black Plastic Frame	SEE THE PHOTO

35	Black Magnet Frame	SEE THE PHOTO
36	White Plastic Interface	SEE THE PHOTO
37	Green Capacitor	SEE THE PHOTO
38	Black Transistor	SEE THE PHOTO
39	Silver Metal Screw	SEE THE PHOTO
40	Blue Body	SEE THE PHOTO
41	Black IC	SEE THE PHOTO
42	Chip Resistor	SEE THE PHOTO
43	Chip Capacitor	SEE THE PHOTO
44	Black Plastic Shell	SEE THE PHOTO
45	Chip Capacitor	SEE THE PHOTO
46	Black Diode	SEE THE PHOTO
47	Black Plastic Base	SEE THE PHOTO
48	Silver Metal Pin	SEE THE PHOTO
49	Silver Metal Solder	SEE THE PHOTO
50	Green PCB	SEE THE PHOTO
51	Chip Resistor	SEE THE PHOTO
52	Green PCB	SEE THE PHOTO
53	Black Transistor	SEE THE PHOTO
54	Black Body	SEE THE PHOTO
55	Silver Metal Solder	SEE THE PHOTO
56	Silver Metal Screw	SEE THE PHOTO
57	Black Plastic Outer Skin	SEE THE PHOTO
58	Brown Plastic Wire Skin	SEE THE PHOTO
59	Yellow Green Plastic Wire Skin	SEE THE PHOTO
60	Blue Plastic Wire Skin	SEE THE PHOTO
61	Black Plastic Wire Skin	SEE THE PHOTO
62	Black Plastic Plug	SEE THE PHOTO
63	Silver Metal Plug	SEE THE PHOTO
64	Silver Metal Sheet	SEE THE PHOTO
65	Golden Metal Terminal	SEE THE PHOTO
66	White Plastic	SEE THE PHOTO
67	Silver And Black Plastic Stickers	SEE THE PHOTO
68	Silver And Black Plastic Stickers	SEE THE PHOTO
69	Silver And Black Plastic Stickers	SEE THE PHOTO
70	Silver And Black Plastic Stickers	SEE THE PHOTO

71	Silver And Black Plastic Stickers	SEE THE PHOTO
72	Silver And Black Plastic Stickers	SEE THE PHOTO
73	Silver And Black Plastic Stickers	SEE THE PHOTO
74	Silver And Black Plastic Stickers	SEE THE PHOTO
75	Silver And Black Plastic Stickers	SEE THE PHOTO
76	Silver And Black Plastic Stickers	SEE THE PHOTO
77	Silver And Black Plastic Stickers	SEE THE PHOTO
78	Silver And Black Plastic Stickers	SEE THE PHOTO
79	Silver And Black Plastic Stickers	SEE THE PHOTO
80	Silver And Black Plastic Stickers	SEE THE PHOTO
81	Black And Silver Plastic Stickers	SEE THE PHOTO
82	Black And Silver Plastic Stickers	SEE THE PHOTO
83	Black And Silver Plastic Stickers	SEE THE PHOTO
84	Black And White Plastic Stickers	SEE THE PHOTO
85	White And Black Plastic Stickers	SEE THE PHOTO
86	Silver And Black Plastic Stickers	SEE THE PHOTO

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2.Tested results

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
1	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
2	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
3	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
4	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
5	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
6	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
7	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
8	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	IN	---	ND	
	PBDEs	IN	---	ND	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
9	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
10	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
11	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
12	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
13	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
14	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
15	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
16	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	IN	---	ND	
	PBDEs	IN	---	ND	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
17	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
18	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
19	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
20	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
21	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
22	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
23	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
24	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
25	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	--	
	PBDEs	BL	---	--	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
26	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
27	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
28	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
29	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
30	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
31	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
32	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
33	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	IN	---	Negative	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
34	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
35	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
36	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
37	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	IN	---	ND	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
38	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
39	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
40	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
41	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
42	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
43	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
44	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
45	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
46	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
47	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	IN	---	ND	
	PBDEs	IN	---	ND	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
48	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
49	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
50	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	IN	---	ND	
	PBDEs	IN	---	ND	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
51	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
52	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	IN	---	ND	
	PBDEs	IN	---	ND	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
53	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
54	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
55	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
56	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
57	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
58	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
59	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
60	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
61	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
62	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
63	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
64	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	IN	---	Negative	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
65	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	---	---	---	
	PBDEs	---	---	---	
	DBP	---	---	---	
	BBP	---	---	---	
	DEHP	---	---	---	
	DIBP	---	---	---	
66	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
67	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
68	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
69	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
70	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
71	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
72	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
73	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
74	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
75	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
76	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
77	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
78	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
79	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
80	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
81	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
82	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
83	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
84	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
85	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	
86	Cd	BL	---	---	PASS
	Pb	BL	---	---	
	Hg	BL	---	---	
	Cr(VI)	BL	---	---	
	PBBs	BL	---	---	
	PBDEs	BL	---	---	
	DBP	---	BL	---	
	BBP	---	BL	---	
	DEHP	---	BL	---	
	DIBP	---	BL	---	

Note:

BL = Below Limit

--- = No Testing Required

mg/kg = milligram per kilogram

IN = Inconclusive

ND = Not Detected (lower than MDL)

Negative = Result indicates the absence of hexavalent chromium in the tested sample.

Remark:

1. (a) There are the results on total Br while test items on restricted substances are PBB and PBDE. There is the result on total Cr while test item on restricted substances is Cr(VI).

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB, PBDE) is recommended to be performed if the concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg).

Element	Unit	Polymer	Metal	Composite Material
Cd	mg/kg	BL ≤ (70-3σ) < IN < (130+3σ) ≤ OL	BL ≤ (70-3σ) < IN < (130+3σ) ≤ OL	LOD < IN< (150+3σ) ≤ OL
Pb	mg/kg	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL ≤ *(500*-3σ) < IN < *(1500*+3σ) ≤ OL
Hg	mg/kg	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL ≤ *(500*-3σ) < IN < *(1500*+3σ) ≤ OL
Br	mg/kg	BL ≤ (300-3σ) < IN	--	BL ≤ *(250*-3σ) < IN
Cr	mg/kg	BL ≤ (700-3σ) < IN	BL ≤ (700-3σ) <IN	BL ≤ (500-3σ) <IN

BL = Below Limit
OL = Over Limit
IN = Inconclusive
LOD = Limit of Detection
mg/kg=ppm= milligram per kilogram

(c) Screening results of PHTH are for hybrid test by GC-MS, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg).

Compound	Polymer
DBP	BL ≤ 600< IN
BBP	BL ≤ 600< IN
DEHP	BL ≤ 600< IN
DIBP	BL ≤ 600< IN

mg/kg = milligram per kilogram
1% = 10000 mg/kg = 10000 ppm

2. Test Method

Testing Item(s)	Test Method
Lead (Pb)	IEC62321-5:2013
Cadmium (Cd)	IEC62321-5:2013
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017
Hexavalent chromium (Cr(VI)) for plastic	IEC62321-7-2-2017
Hexavalent chromium (Cr(VI)) for coating on metals	IEC62321-7-1-2015
PBB	IEC62321-6:2015
PBDE	IEC62321-6:2015
Phthalates (DBP, BBP, DEHP, DIBP)	IEC62321-8:2017

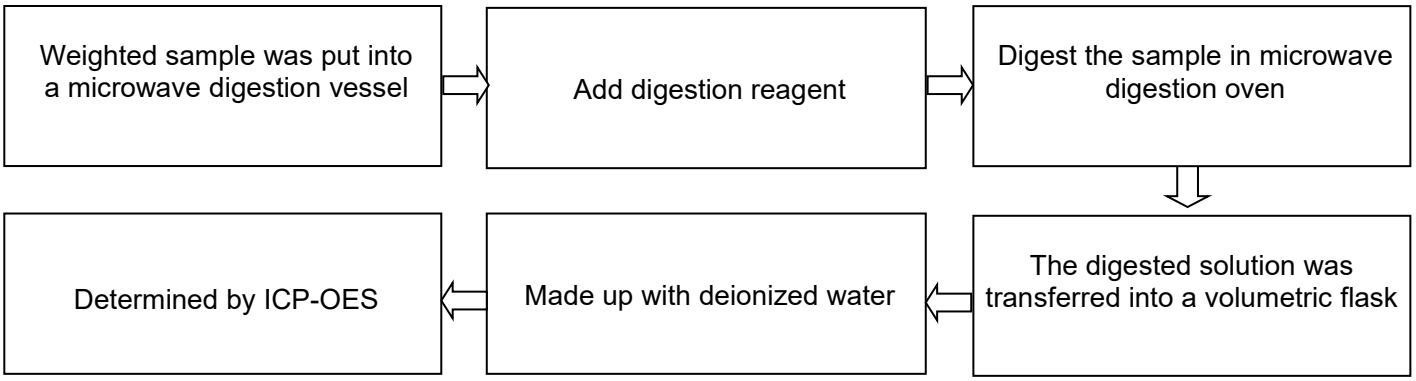
3. RoHS Requirement

Unit: mg/kg

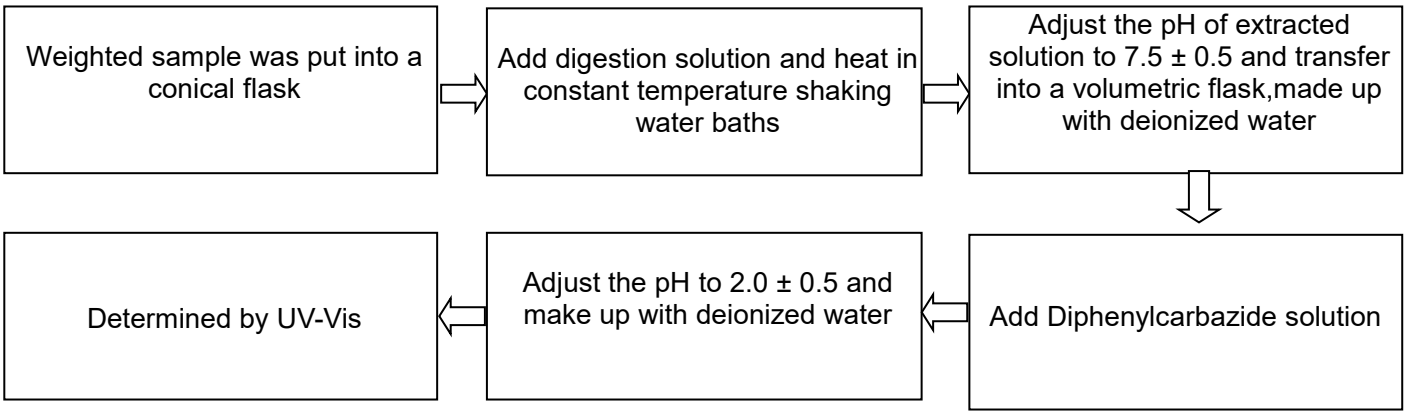
Test Item(s)	Test method	Measured Equipment(s)	MDL	Limit
Lead (Pb)	IEC62321-5:2013	ICP-OES	10	1000
Cadmium (Cd)	IEC62321-5:2013	ICP-OES	10	100
Mercury (Hg)	IEC 62321-4:2013 +AMD1:2017	ICP-OES	10	1000
Hexavalent chromium (Cr(Vl)) for plastic	IEC62321-7-2-2017	UV-VIS	10	1000
Hexavalent chromium (Cr(Vl)) for coating on metals	IEC62321-7-1-2015	UV-VIS	0.10 ug/cm^2	---
PBB	IEC62321-6-2015	GC-MS	100	1000
PBDE	IEC62321-6-2015	GC-MS	100	1000
DBP	IEC62321-8-2017	GC-MS	100	1000
BBP	IEC62321-8-2017	GC-MS	100	1000
DEHP	IEC62321-8-2017	GC-MS	100	1000
DIBP	IEC62321-8-2017	GC-MS	100	1000

4. Measurement Flowchart

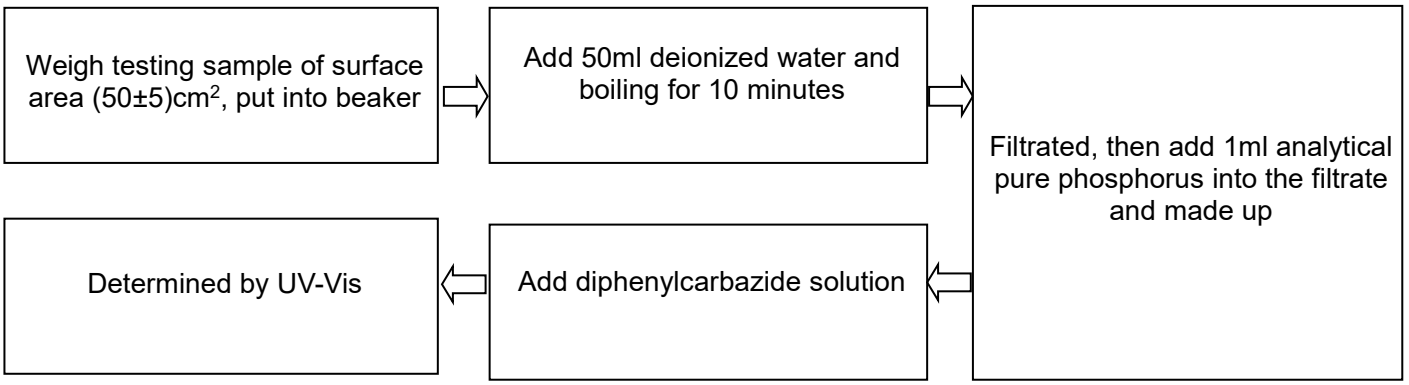
a. Test for Cd / Pb /Hg contents)



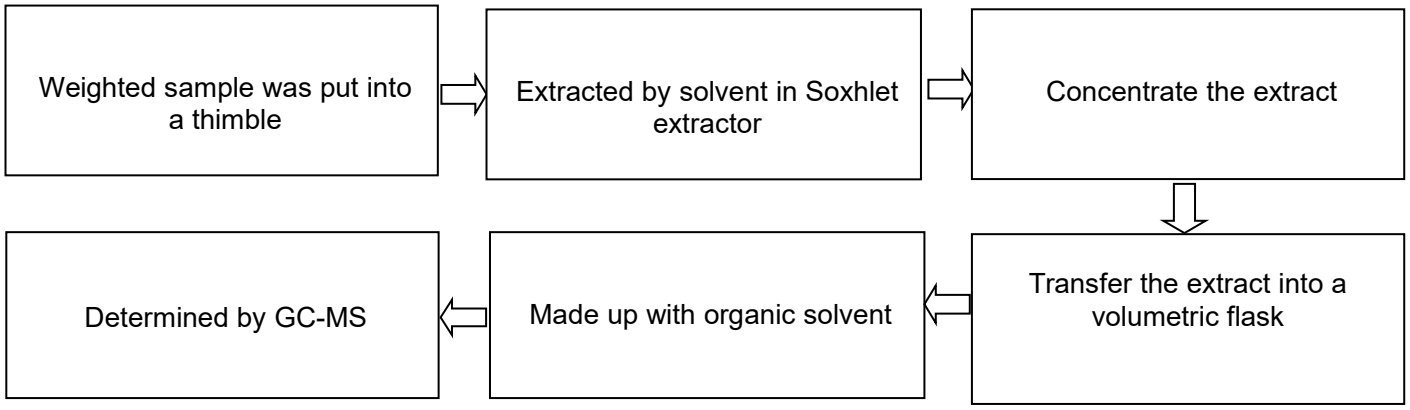
b. Test for Cr(VI) content (for non-metal)



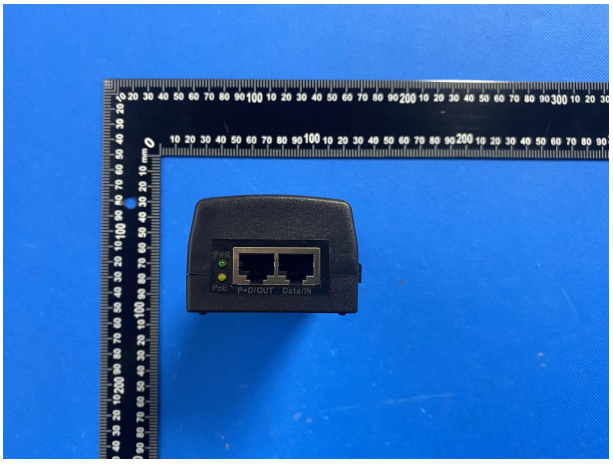
c. Test for Cr(VI) content (for metal)

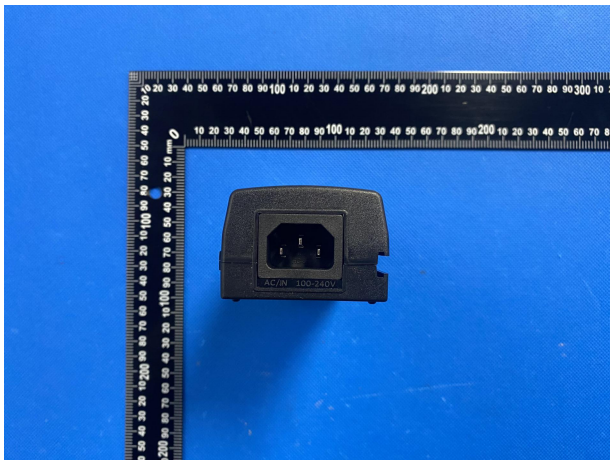


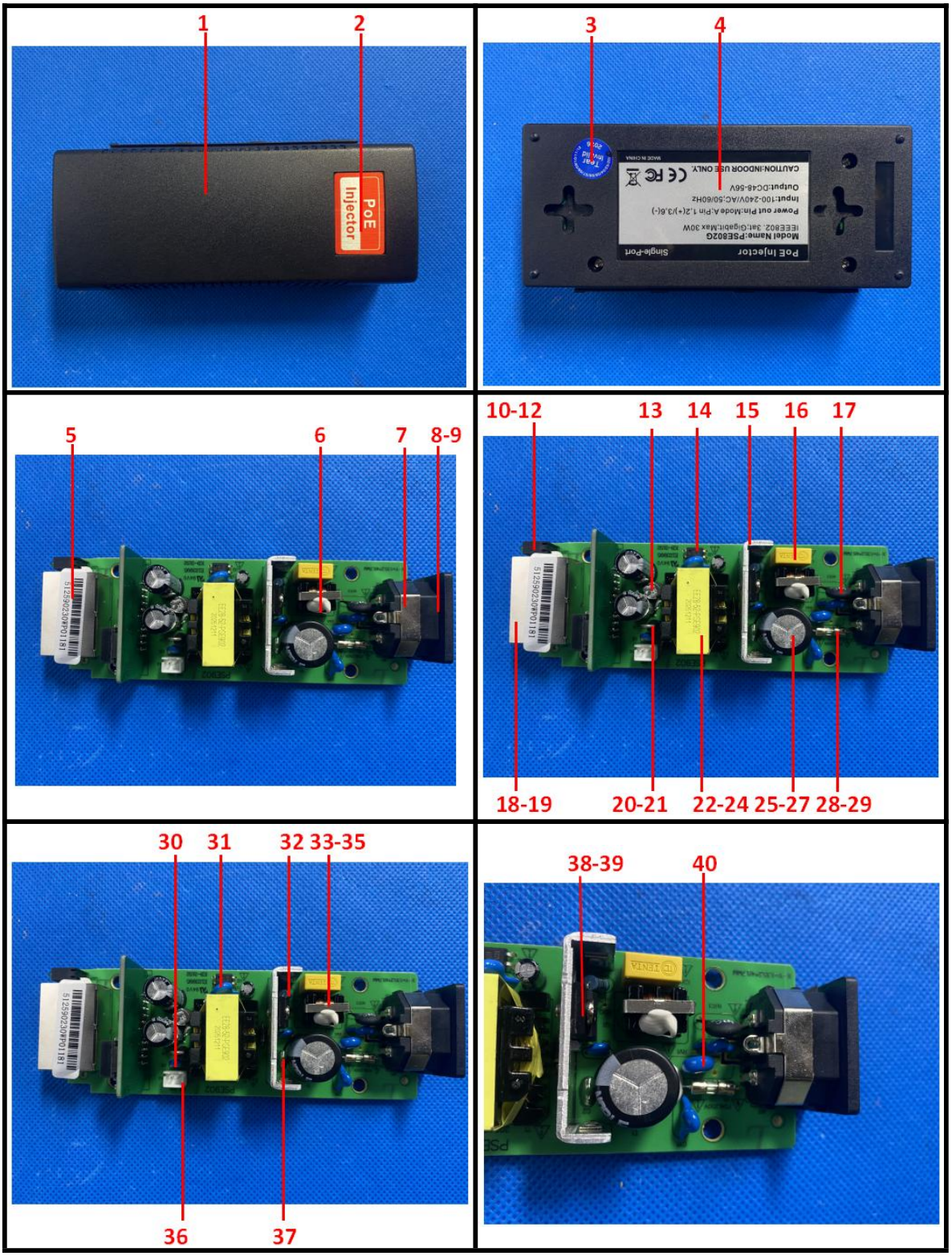
d. Test for PBB, PBDE, DBP, BBP, DEHP, DIBP



5.Photo(s) of the sample(s)



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PoE
Injector
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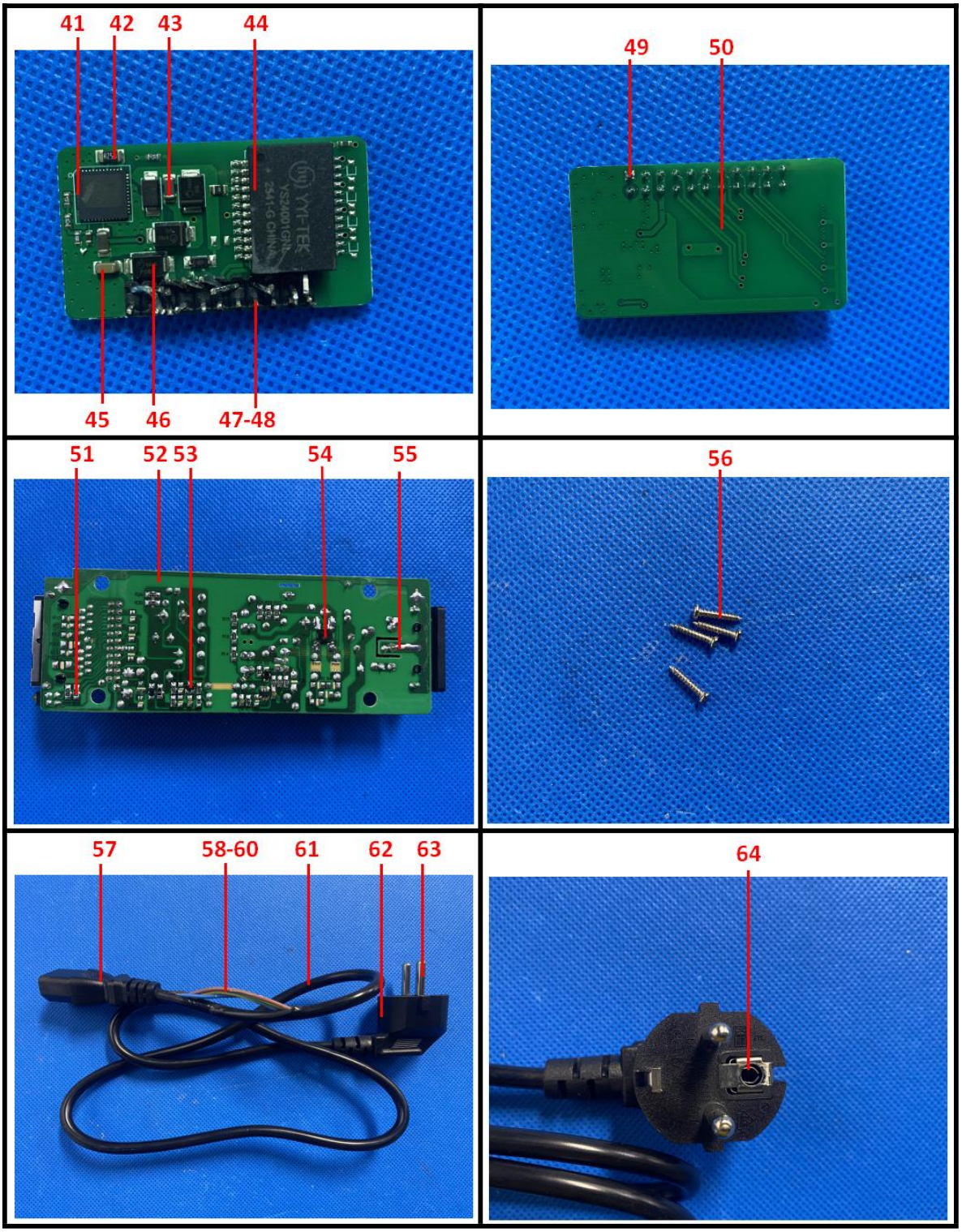
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PoE Injector
Single-Port
Model Name: PSE90BT-10G
Model Name: PSE90BT-2.5G
MADE IN CHINA
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60W Hi-Power PoE Injector
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The results of this report apply only to samples received，Without written authorization, any copy of this report for propaganda is invalid.

.....End of Report.....