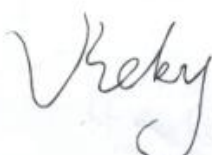


TEST REPORT

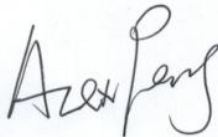
Customer information	Client	Zhongshan Changguan Electrical Appliance Co., Ltd.
	Address	No. 202, Building 4 and No. 201, Building 5, No. 20, Xinteng Road, Guzhen Town, Zhongshan City, China
Sample information	Name of sample	Switching Power Supply
	Test Model No.	HB-500W/24V-12L3C, (Please See The Page 2 for More Models)
	Sample difference:	The samples in the report are only different in appearance, the material and internal structure are exactly the same, so only the Black sample of the main model is tested.
	Trade mark	N/A
	Lot number	----
	Manufacturer	Zhongshan Changguan Electrical Appliance Co., Ltd.
	Address	No. 202, Building 4 and No. 201, Building 5, No. 20, Xinteng Road, Guzhen Town, Zhongshan City, China
Test information	Sample received	May 20, 2026
	Testing date	May 20, 2026 to May 26, 2026
	Test sort	Commission Test
	Requested/item	RoHS directive 2011/65/EU Annex II amending Annex(EU)2015/863. (1) Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content. (2) Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate(DBP), Disobutyl phthalate(DIBP) Content.
	Standard/Foundation	(1)With reference to IEC 62321-3-1:2013, scanning by XRF Spectroscopy Chemical test method: With reference to IEC 62321-5:2013, determination of Cadmium, lead by ICP With reference to IEC 62321-4:2013+AMD1:2017, determination of Mercury by ICP With reference to IEC 62321-7-2:2017&IEC 62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric method. With reference to IEC 62321-6:2015 determination of PBBs and PBDEs by GC-MS (2)With reference to IEC 62321-8:2017, and analysis was performed by GC-MS.
	Conclusion	(1)The tested sample complied with RoHS directive (2011/65/EU). (2)The tested part of submitted sample complied with directive (EU)2015/863
Remark	----	

Tested By:



Date: 2026/05/26

Checked By:



Date: 2026/05/26

Approved By:



Date: 2026/05/26

SHENZHEN SIT TESTING TECHNOLOGY CO LTD.

Room 401, A2 Building, The 2nd Industrial Zone of ZhuAo, GuShu Village, XiXiang Town, BaoAn District, ShenZhen
Email:info@sitcert.com Tel: +86-755-29173399 FAX: +86-755-29179933 http://www.sit-cert.com

Customer Reference Models:

HB-150W/24V-3M1B	HB-180W/12V-5L1BGK	HB-180W/24V-6L1B
HB-240W/24V-6L1B	HB-240W/24V-6L1C	HB-240W/24V-6LCH
HB-360W/24V-12L1C	HB-72W/12V-3A1B	HB-100W/5V/12V-5L1B
HB-100W/5V-5M3C	HB-100W/5V-6L3C	HB-120W/12V-3M1B
HB-120W/12V-5L1B	HB-120W/24V-5L1B	HB-120W/24V-5L8C
HB-150W/12V-5L1B	HB-150W/12V-5M1B	HB-150W/24V-5M1B
HB-180W/12V-4L2C	HB-180W/24V-2F1C	HB-180W/24V-3F1C
HB-180W/24V-5L1B	HB-200W/24V-8M1C	HB-240W/24V-6F1C
HB-240W/24V-6L1BH	HB-240W/24V-7L8C	HB-240W/24V-8L1B
HB-24W/12V-2M1B	HB-350W/24V-8M1C	HB-350W/5V-12L3C
HB-360W/24V-12L1BH	HB-360W/24V-5L1C	HB-360W/36V-12L3C
HB-360W/36V-6F2C	HB-400W/12V-12L3C	HB-50W/12V-6M1B
HB-50W/5V-3L1BA	HB-50W/5V-5L1B	HB-540W/36V-12L3C
HB-600W/24V-12L3C	HB-60W/12V-3L1BA	HB-60W/12V-3L1BE
HB-60W/5V/12V-3L1B	HB-60W/5V/12V-3M1B	HB-60W/5V/12V-4M1B
HB-72W/12V-3A1BA	HB-72W/24V-3L1B	HB-72W/24V-6M1B
HB-75W/12V-4M1B	HB-850W/48V/-24V/24V-13L1C	HB-180W/24V-6L8C
HB-120W/12V-5L8C	AK-180W-24V	AK-180W-12V
AK-192W-12V-24V	AK-30W-5V	AK-150W-12V
AK-168W-24V	AK-480W-24V	AK-360W-24V
AK-360W-24V-30V	AK-600W-24V-30V	AK-240W-24V
HB-240W/26V-7D1BLFpro	HB-150W/24V-7D1C	HB-150W/24V-7D1CF
HB-180W/24V-7D1Cpro	HB-180W/24V-7D1C-F+pro	HB-180W/24V-7D1CLF+pro
HB-180W/24V-7DIC+pro	HB-180W/24V-7D1CLF+pro	HB-240W/24V-7D1CLF+pro
HB-240W/24V-7D1CLF+pro	HB-240W/24V-7D1C+pro	HB-240W/24V-7DIC-F+pro
HB-240W/24V-7D1C-F		

Test result: 1. Structural parts

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
1	Silver metal shell	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
2	Silver plastic label	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
3	Black ink	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
4	Silver screw	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
5	Silver metal board	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
6	Silver metal strap	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
7	Black plastic fan leaf	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
8	Red plastic wire skin	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
9	Black plastic wire skin	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
10	Silver metal wire	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
11	White plastic plug	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
12	Green PCB board	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
13	Solder	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
14	Black component	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
15	Silver metal pin	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
16	Black magnet	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
17	White plastic pad	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
18	Lubricating oil	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
19	Black plastic frame	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
20	Silver metal frame	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
21	Copper wire	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
22	Silver metal shaft	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
23	Copper metal shaft	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
24	Transparent plastic sheet	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
25	White paper label	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
26	Black plastic frame	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
27	Grey component	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
28	Transparent plastic coving	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
29	Silver screw	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
30	Green plastic block	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
31	Silver metal shaft	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
32	White component	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
33	Silver metal head	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	/	/	< 1000	/
		PBDEs	/	/	< 1000	/
34	Black component	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
35	Yellow component	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
36	Blue diode	Cd	P	N.D.	< 100	P
		Cr(VI)	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
37	Green diode	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
38	Black plastic capacitor shell	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
39	Blue plastic capacitor shell	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
40	Red capacitor	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
41	Silver metal frame	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
42	Black metal frame	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
43	Copper wire	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
44	Grey diode	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
45	Triode	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
46	Silver capacitor	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
47	Yellow plastic tape	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
48	Black metal frame	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
49	Copper wire	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
50	Green PCB board	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
51	Black inductor	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
52	IC	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P
53	IC feet	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/
54	Diode	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	P	N.D.	<1000	P
		PBDEs	P	N.D.	<1000	P

No.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of Testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
55	Solder	Cd	P	N.D.	<100	P
		Cr(VI)	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	/	/	<1000	/
		PBDEs	/	/	<1000	/

Remark:

- 1 It is the result on total Br while test PBBs and PBDEs by EDXRF. It is the result on total Cr while test Hexavalent Chromium by EDXRF.
- 2 Results are obtained by EDXRF for primary screening, and chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (Cr(VI)) and GCMS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value With reference to IEC 62321-8:2017(unit:mg/kg)
- 3.

Element	Polymer	Metal	Composite Materials
Cd	$P \leq 70-3\sigma < D < 130+3\sigma \leq F$	$P \leq 70-3\sigma < D < 130+3\sigma \leq F$	$P \leq 50-3\sigma < D < 150+3\sigma \leq F$
Pb	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 500-3\sigma < D < 1500+3\sigma \leq F$
Hg	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 500-3\sigma < D < 1500+3\sigma \leq F$
Br	$P \leq 300-3\sigma < D$	----	$P \leq 250-3\sigma < D$
Cr	$P \leq 700-3\sigma < D$	$P \leq 700-3\sigma < D$	$P \leq 500-3\sigma < D$

P = PASS; F = FAIL; D = DETECTED;

4. mg/kg = ppm; N.D. = NOT DETECTED (<MDL) Pb, Cd, Hg, Cr(VI): 2mg/kg; PBBs, PBDEs: 5mg/kg
5. With reference to IEC 62321-7-1:2015, result on Cr (VI) for metal sample is shown as Positive/Negative. Positive = Presence of Cr(VI) coating, Negative = Absence of Cr(VI) coating
- 6 *According to Annex III of European Council Directive 2011/65/EU, Lead in copper alloy containing up to 4% lead by weight.
- 7 **According to Annex III of European Council Directive 2011/65/EU, Lead in steel alloy containing up to 0.35% lead by weight.
- 8 #According to Annex III of European Council Directive 2011/65/EU, Cadmium and its compounds in electrical contacts is exempted.

(3) DEHP, BBP, DBP, DIBP

ITEM \ SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)							MDL (mg/kg)	REQUIRED LIMIT (mg/kg)
	2	3	7	8	9	11	12		
Di-2-ethylhexyl phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000

ITEM \ SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)							MDL (mg/kg)	REQUIRED LIMIT (mg/kg)
	14	17	18	19	24	25	26		
Di-2-ethylhexyl phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000

ITEM \ SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)							MDL (mg/kg)	REQUIRED LIMIT (mg/kg)
	27	28	30	32	34	35	36		
Di-2-ethylhexyl phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000

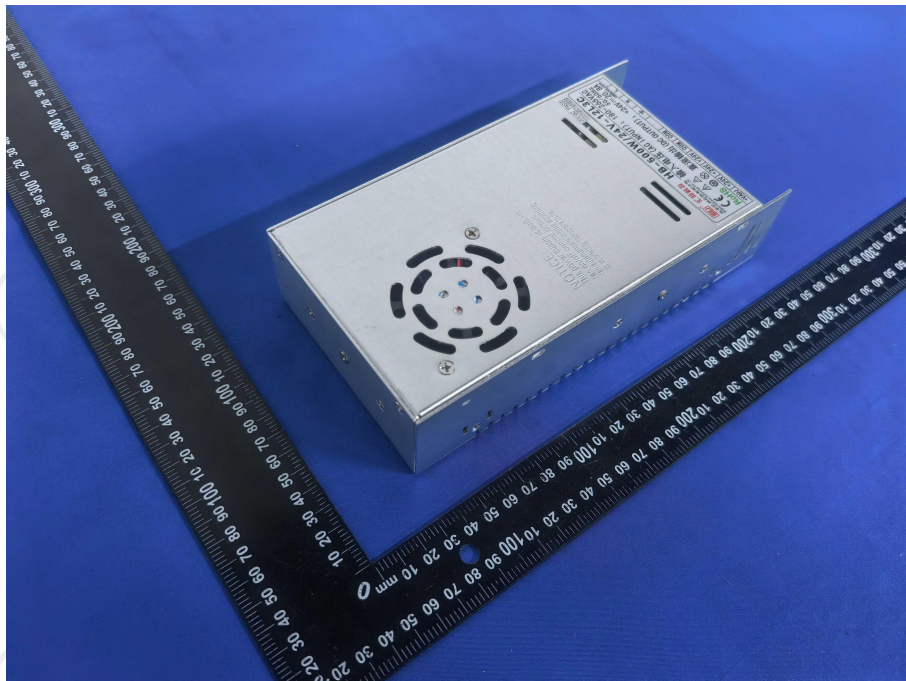
ITEM \ SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)							MDL (mg/kg)	REQUIRED LIMIT (mg/kg)
	37	38	39	40	44	45	47		
Di-2-ethylhexyl phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	30	1000

ITEM \ SAMPLE No.	SAMPLE CONCENTRATION (mg/kg)				MDL (mg/kg)	REQUIRED LIMIT (mg/kg)
	50	51	52	54		
Di-2-ethylhexyl phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	30	1000

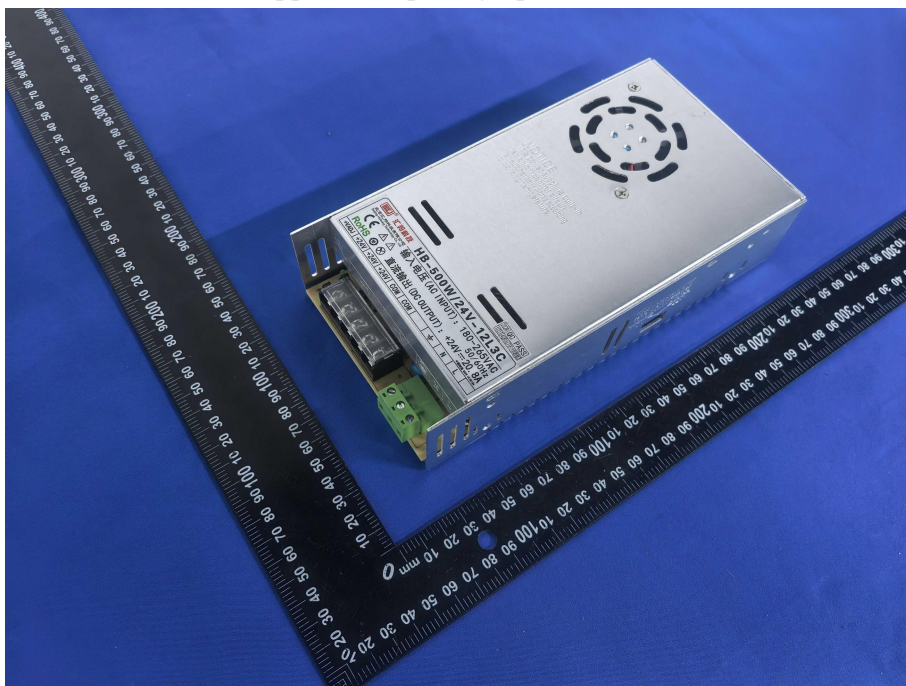
Note: MDL = Method Detection Limit, N.D.=not detected (<Method Detection Limit).

Sample photo

Appearance photograph of EUT

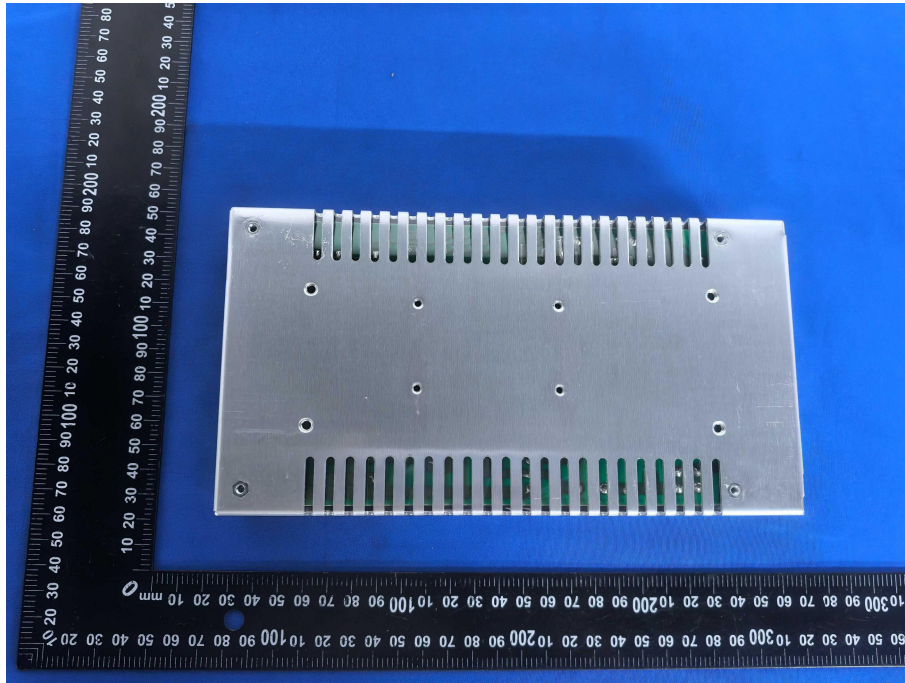


Appearance photograph of EUT

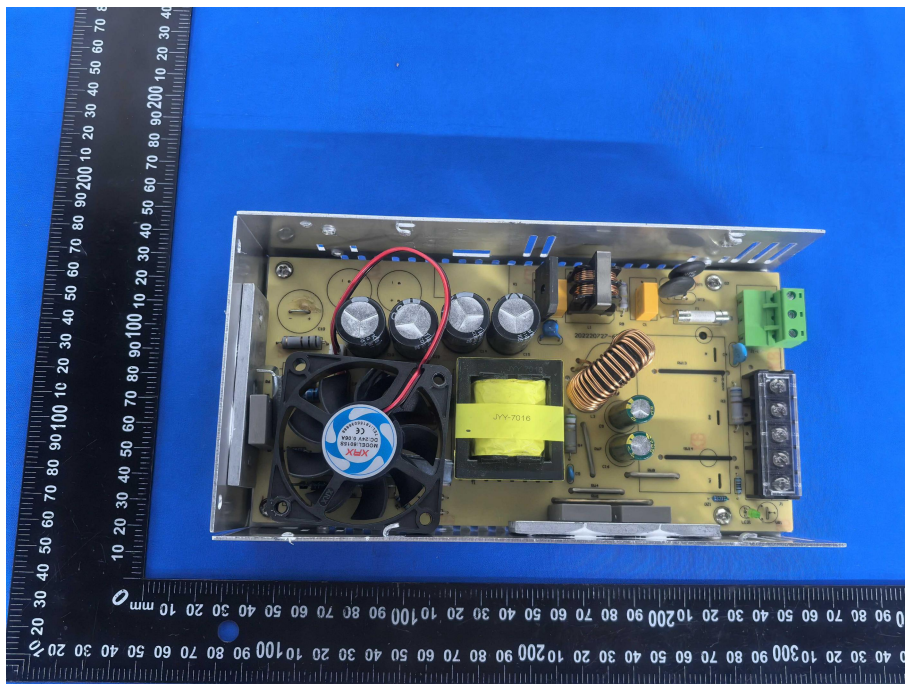


Sample photo

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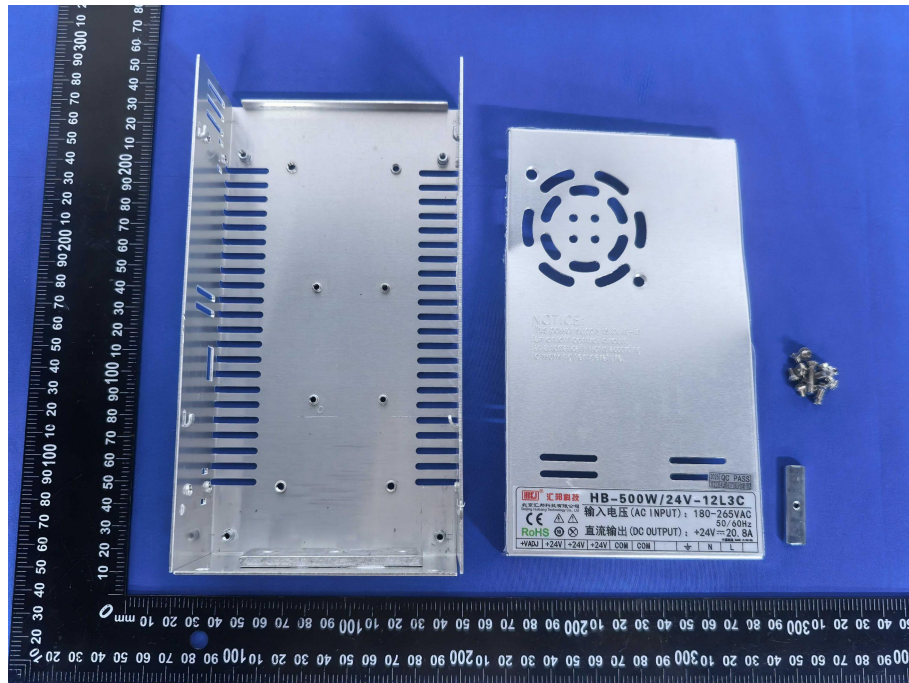


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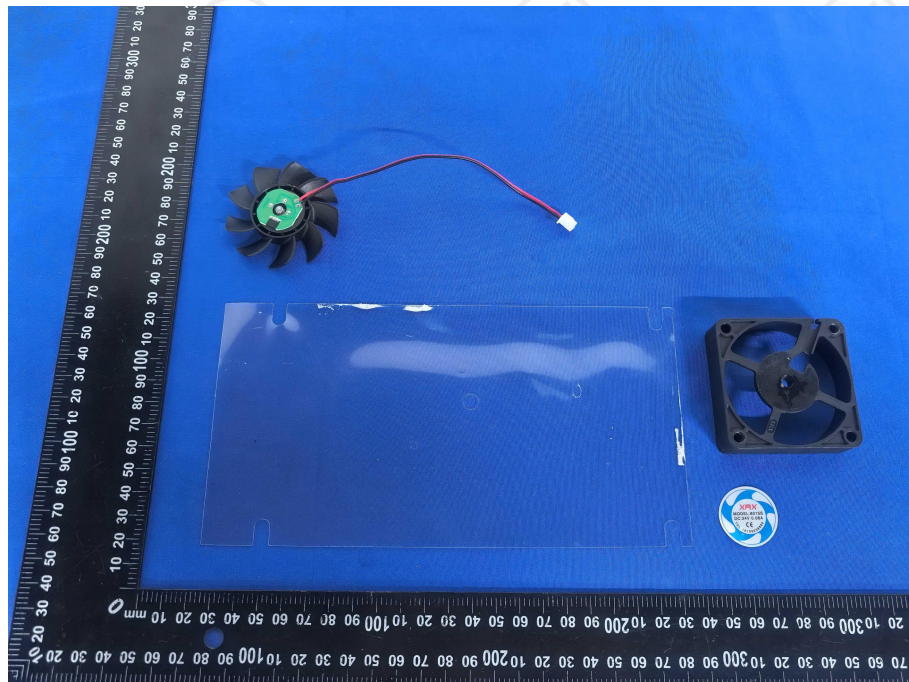


Sample photo

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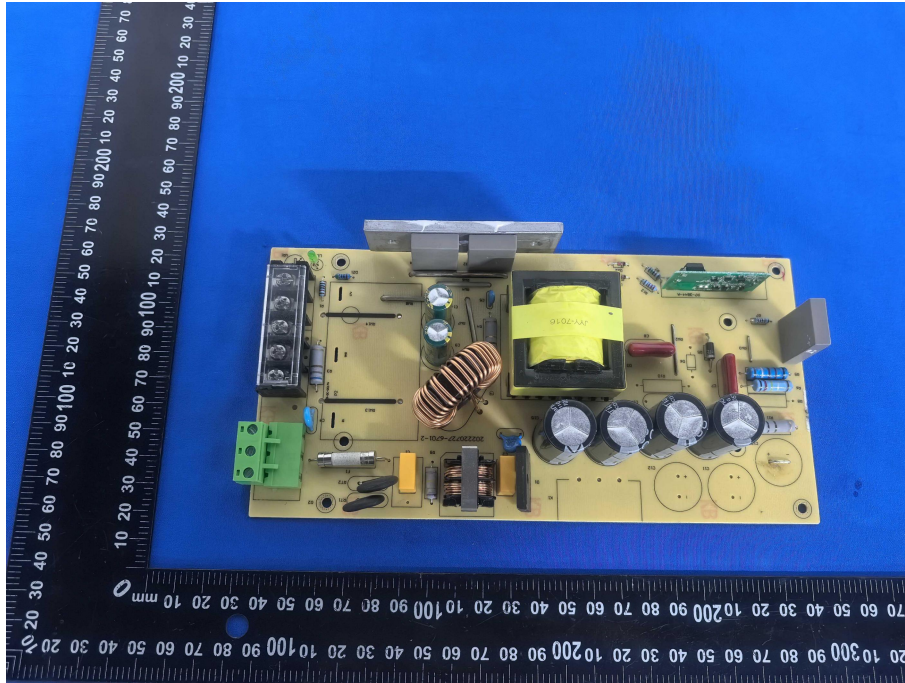


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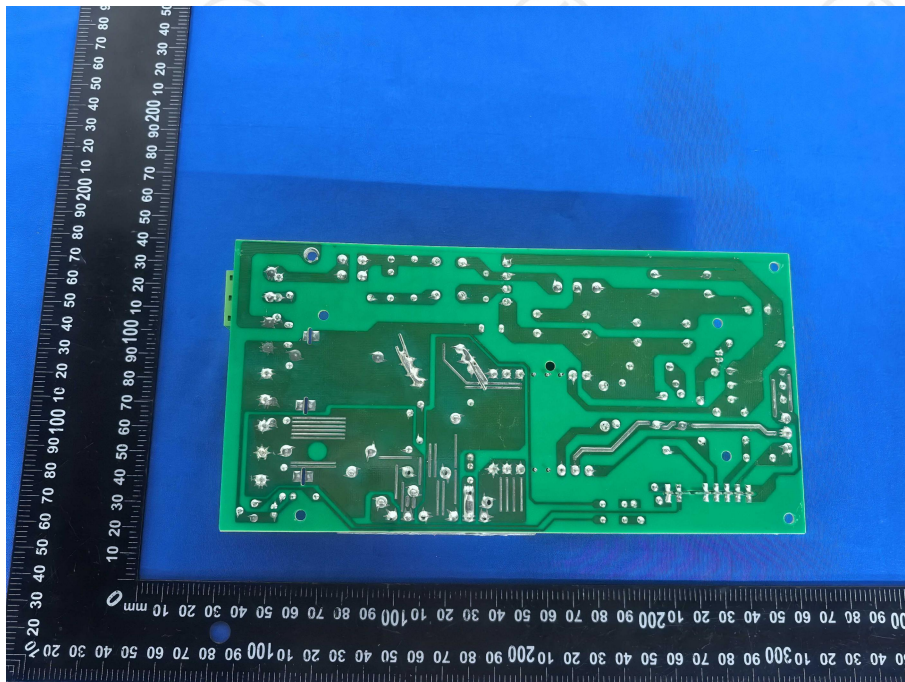


Sample photo

Appearance photograph of EUT



Appearance photograph of EUT



List of apparatus

No.	Name	Model	Calibration Valid Date	USE(✓)
1	ICP-OES	VISTA-MPX	2026/09/28	✓
2	GC-MS	5975i	2026/09/16	✓
3	UV-Vis	Lambda 25	2026/09/16	✓
4	XRF	EDX3000B	2026/09/22	✓

***** END OF REPORT *****

Statement:

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- 2.The result(s) shown in this report refer only to the sample(s) tested.
- 3.Without written approval of SIT, this report can't be reproduced except in full.

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