TEST REPORT

Applicant	:	**SHENZHEN ITOONER TECHNOLOGY CO., LTD**
Address	:	**No.5 GangZai Road, Shangxing Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, China**
Manufacturer's name	:	**Jiangxi GENATA Technology Co., ltd**
Address	:	**Building 3 , 5G Intelligent Industrial Park, Industrial Park, Ganzhou, Jiangxi. China**

Report on the submitted samples said to be:

Sample Name	:	Switch
Trade Mark	:	N/A
Tested model	:	GNT-P4804V6
Series models	:	See next page
Testing Period	:	March 04, 2024 ~March 12, 2024
Date of issue	:	March 14, 2024
Results	:	Please refer to next page(s).

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TEST REQUEST

CONCLUSION

According to the customer's request, based on the performed tests on submitted sample, the result of Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, Dibuyl Phthalate(DBP), Benzylbutyl Phthalate(BBP), Bis(2-ethylhexyl) Phthalate(DEHP), Diispbutyl phthalate(DIBP) content comply with the limit as set of RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Pass

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Signed for and on behalf of IQTS

Tom Yang

Shenzhen Union Certification Testing Co., Ltd. IQTS Certification

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Series models	:	GNT-P4804V6, GNT-P9206EA, GNT-P9206EB, GNT-P9109EA, GNT-P9808V6, GNT-P9828V6; GNT-P1210SG, GNT-P4803V6, GNT-P4804V6, GNT-P4813V6, GNT-P4815V6, GNT-RP1420ES, GNT-MP1420ES, GNT-P1614ES, GNT-RP1428ES; GNT-P1006GA, GNT-P1008G6, GNT-P1210G7, GNT-P1012G6, GNT-P1307G6, GNT-P1018G6, GNT-P1026G6, GNT-P1412G6, GNT-MP1420G6, GNT-RP1420G6, GNT-RP1428G6; GNT-P9109EA-F, GNT-P9828F6, GNT-P4804F6, GNT-P4813F6, GNT-P4815F6, GNT-P1008G6-F, GNT-P1012G6-F; GNT-G1012L-F, GNT-69P31, GNT-69P51G6, GNT-69P62E6, GNT-69P62GH, GNT-6FP31, GNT-6FP51G6, GNT-P9806V6, GNT-P1006G6, GNT-53011, GNT-53003, GNT-5313AB, GNT-69P01, GNT-69P02, GNT-P9105ES, GNT-P9109ES, GNT-P9210ES, GNT-P1210ES, GNT-E9005EL, GNT-E9008EL, GNT-G1207FEL, GNT-G1005EL, GNT-G1008EL, GNT-G1018L, GNT-G1026L, GNT-MG1117EL, GNT-RG1117EL, GNT-MG1125EL,GNT-RG1125EL; GNT-P5420GC, GNT-G5420GC, GNT-P5428GC, GNT-G5428GC, GNT-2826, GNT-G2008EL, G2005EL; GNT-P1002M6, GNT-P1802M6, GNT-P1802M7, GNT-P2804M6, GNT-G1002M6, GNT-G1802M6, GNT-G1802M7, GNT-G2804M6;GNT-P0602FMI, GNT-G0602FMI, GNT-P1002FMI, GNT-G1002FMI, GNT-P1608FMI, GNT-G1608FMI, GNT-IG1008GP-AC, GNT-IG1008GP-DC, GNT-IG1008GL-AC, GNT-IG1008GL-DC, GNT-IG1210FP-DC, GNT-IG1210GF-DC, GNT-IG1210FP-AC, GNT-IG1210GF-AC, GNT-IG1218FP-DC, GNT-IG1218F8-AC, GNT-IG1218GF-DC, GNT-IG1218GF-AC, GNT-IG1218FP-AC, GNT-IG1226FP-DC, GNT-IG1226F8-AC, GNT-IG1226FP-AC, GNT-IG1226GF-DC, GNT-IG1226GF-AC, GNT-IG3210FP-AC, GNT-IG3210FP-DC, GNT-IG2210GF-AC, GNT-IG2210GF-AC,GNT-IP52130WS, GNT-IP52260WS, GNT-IP52520WS, GNT-P6428GC, GNT-MG9008T, GNT-MG9008T2, GNT-RG9654GT, GNT-RG9428GT, GNT-RG9428GT2, GNT-P3428GC, GNT-MG1206XT, GNT-RP9654GT, GNT-RP9428GT, GNT-P6428GC, GNT-G5826FG, GNT-G2420GC, GNT-G2008GL, GNT-P2428GC, GNT-P2420GC, GNT-P9XXXXX, GNT-P4XXXXX, GNT-P1XXXXX, GNT-69PXX, GNT-6FPXX, GNT-MPXXXX, GNT-RPXXXX, GNT-P54XXXX, GNT-G54XXXX, GNT-G24XXXX, GNT-IG32XX, GNT-IG33XX, GNT-EXXXX, GNT-MGXXXX, GNT-RGXXXX, GNT-RP94XXXX, GNT-RP96XXXX, GNT-P34XXXX

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TEST REPORT

Results:

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

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

Seq. No.	Tested Part(s)	Results					
		Cd	Pb	Hg	Cr▼	Br▼	
						PBBs	PBDEs
1	Black plastic	BL	BL	BL	BL	BL	BL
2	ferrous metal	BL	BL	BL	BL	/	/
3	ferrous metal	BL	BL	BL	BL	/	/
4	Black plastic	BL	BL	BL	BL	BL	BL
5	Black plastic (wire skin)	BL	BL	BL	BL	BL	BL
6	Black plastic	BL	BL	BL	BL	BL	BL
7	Silver metal	OL	OL	BL	X	/	/
8	Silver metal	BL	BL	BL	BL	/	/
9	Black plastic	BL	BL	BL	BL	BL	BL
10	Black plastic	BL	BL	BL	BL	BL	BL
11	Black plastic	BL	BL	BL	BL	X	X
12	Green PCB board	BL	BL	BL	BL	X	X
13	Silver metal	BL	BL	BL	BL	/	/
14	Black plastic	X	BL	BL	BL	X	X
15	Black plastic	BL	BL	BL	BL	BL	BL
16	Black plastic	BL	BL	BL	X	X	X
17	Black plastic	BL	BL	BL	BL	BL	BL
18	Black plastic	BL	BL	BL	BL	BL	BL
19	Silver metal	BL	BL	BL	BL	/	/
20	Black plastic	BL	BL	BL	X	X	X
21	Black plastic	BL	BL	BL	BL	X	X
22	Black plastic	BL	BL	BL	BL	X	X
23	Black plastic	BL	BL	BL	BL	X	X
24	Blue plastic	BL	BL	BL	BL	X	X
25	Yellow PCB board	BL	BL	BL	BL	X	X
26	White plastic	BL	BL	BL	BL	X	X

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Seq. No.	Tested Part(s)	Results					
		Cd	Pb	Hg	Cr▼	Br▼	
						PBBs	PBDEs
27	Black plastic	BL	BL	BL	BL	X	X
28	Black plastic	BL	BL	BL	BL	X	X
29	Yellow plastic	BL	BL	BL	BL	X	X
30	soldering tin	BL	BL	BL	BL	BL	BL
31	Black plastic	X	BL	BL	BL	X	X
32	Yellow plastic	BL	BL	BL	BL	BL	BL
33	Black plastic	X	BL	BL	BL	BL	BL
34	White plastic (wire skin)	BL	BL	BL	BL	BL	BL
35	Gold metal	BL	X	BL	BL	/	/
36	Green Plastic	BL	BL	BL	BL	BL	BL
37	Grey plastic	BL	BL	BL	BL	BL	BL
38	Black plastic	BL	BL	BL	BL	BL	BL
39	Gold metal	BL	BL	BL	BL	/	/
40	White plastic	BL	BL	BL	BL	BL	BL
41	Black plastic	BL	BL	BL	BL	BL	BL
42	Silver metal	BL	BL	BL	BL	/	/
43	Black plastic	BL	BL	BL	BL	X	X
44	Silver metal	BL	BL	BL	BL	/	/
45	Silver metal	BL	BL	BL	BL	/	/
46	Black plastic	BL	BL	BL	BL	BL	BL
47	ferrous metal	BL	BL	BL	BL	/	/
48	Silver plastic	BL	BL	BL	BL	BL	BL
49	ferrous metal	BL	BL	BL	BL	/	/
50	Silver metal	BL	BL	BL	X	/	/
51	White plastic	BL	BL	BL	BL	BL	BL
52	Purple plastic	BL	BL	BL	BL	BL	BL
53	Blue plastic	BL	BL	BL	BL	BL	BL
54	Black plastic	BL	BL	BL	BL	X	X

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Seq. No.	Tested Part(s)	Results					
		Cd	Pb	Hg	Cr▼	Br▼	
						PBBs	PBDEs
55	Yellow plastic	BL	BL	BL	BL	X	X
56	Black plastic	BL	BL	BL	BL	BL	BL
57	Blue plastic	BL	BL	BL	BL	BL	BL
58	Blue plastic	BL	BL	BL	BL	BL	BL
59	Gold metal	BL	BL	BL	BL	/	/
60	Grey plastic	BL	BL	BL	X	BL	BL
61	Black plastic	BL	BL	BL	BL	BL	BL
62	Black plastic	BL	BL	BL	BL	BL	BL
63	Black plastic	BL	BL	BL	BL	X	X
64	Yellow plastic (wire skin)	BL	BL	BL	BL	BL	BL
65	Black plastic	BL	BL	BL	BL	X	X
66	Silver metal	BL	BL	BL	BL	/	/

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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.

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

Note:

BL = Below Limit

OL = Over Limit

X = Inconclusive

(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 2015/863/EC amending RoHS directive 2011/65/EU:

(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

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TEST REPORT

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
Dibuyl Phthalate(DBP)	1000
Benzylbutyl Phthalate(BBP)	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	1000
Diispbutyl 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.

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B. EU RoHS Directive 2011/65/EU and its amendment Directives 2015/863/EU on Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DBP, BBP, DEHP, DIBP content.

Test method:

Lead(Pb) & Cadmium(Cd) 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(Hg) 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(Cr^{6+}) 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)

BBP DBP DEHP & DIBP Content:

With reference to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

1) The test results of Hexavalent Chromium (Cr^{6+}) (for nonmetal)

Item	Unit	MDL	Results			Limit
			16	20	60	
Hexavalent Chromium (Cr (VI))	mg/kg	8	N.D.	N.D.	N.D.	1000

2) The test results of Hexavalent Chromium (Cr^{6+}) (metal)

Item	Unit	MDL	Results		Limit
			07	50	
Hexavalent Chromium(Cr(VI))▼	ug/cm^2	0.10	N.D.	N.D.	--

3) The test results of Lead(Pb) and Cadmium (Cd)

Item	Unit	MDL	Results		Limit
			07	35	
Lead (Pb)	mg/kg	2	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			07	14	31	33	
Cadmium (Cd)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	100

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Note:

- MDL = Method Detection Limit
- /= Not apply
- LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm^2
- mg/kg = ppm=parts per million
- N.D.=Not Detected(<MDL or LOQ)
- ▼ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13ug/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 0.10ug/cm^2). The sample coating is considered a non- Cr(VI) based coating
  c. The result between 0.10μg/cm^2 and 0.13μg/cm^2 is considered to be inconclusive, unavoidable coating variations may influence the determination

#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.

#7 According to the statement provided by the customer, according to RoHS directive 2011/65/EU and its Amendments，Lead is exempted in steel for machining purposes and in galvanised steel containing up to 0.35% (3500ppm) by weight.

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4) The test results of DBP、BBP、DEHP & DIBP

Item	Unit	MDL	Results				Limit
			01	04	05	06	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			09	10	11	12	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			14	15	16	17	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			18	20	21	22	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

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Item	Unit	MDL	Results				Limit
			23	24	25	26	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			27	28	29	31	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			32	33	34	36	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			37	38	40	41	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

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Item	Unit	MDL	Results				Limit
			43	46	48	51	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			52	53	54	55	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			56	57	58	60	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			61	62	63	64	
Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	N.D.	N.D.	N.D.	1000

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Item	Unit	MDL	Results	Limit
			65	
2Dibuyl Phthalate(DBP)	mg/kg	50	N.D.	1000
Benzylbutyl Phthalate(BBP)	mg/kg	50	N.D.	1000
Bis(2-ethylhexyl) Phthalate(DEHP)	mg/kg	50	N.D.	1000
Diispbutyl phthalate(DIBP)	mg/kg	50	N.D.	1000

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5) The test results of PBBs & PBDEs

Item	Unit	MDL	Results					Limit
			11	12	14	16	20	
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

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TEST REPORT

Item	Unit	MDL	Results					Limit
			21	22	23	24	25	
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

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Item	Unit	MDL	Results					Limit
			26	27	28	29	31	
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

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TEST REPORT

Item	Unit	MDL	Results					Limit
			43	54	55	63	65	
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Remark:

- mg/kg = ppm
- N.D. = Not detected
- MDL=Method detected limited
- Flow chart appendix is included
- Photo appendix is included.

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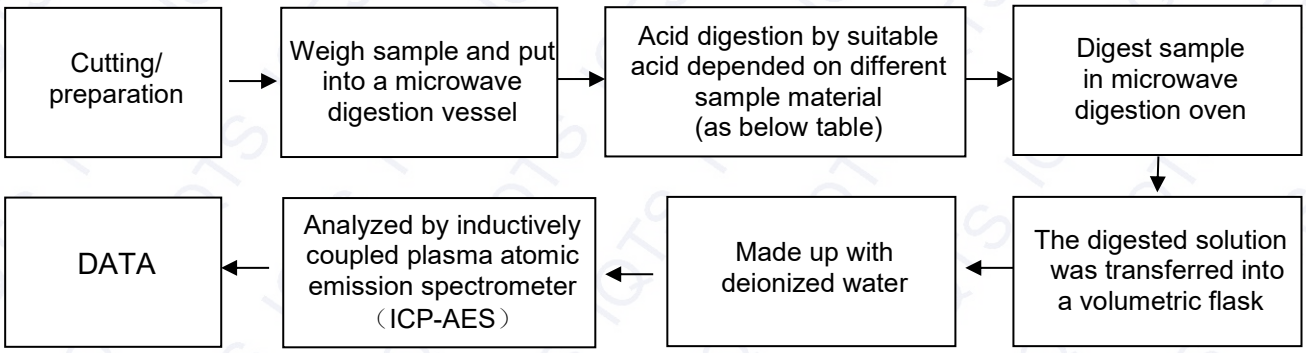
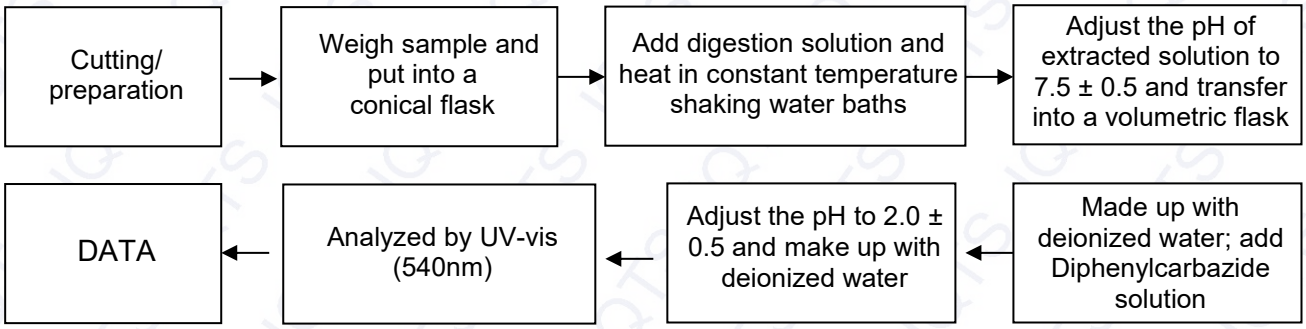
Appendix

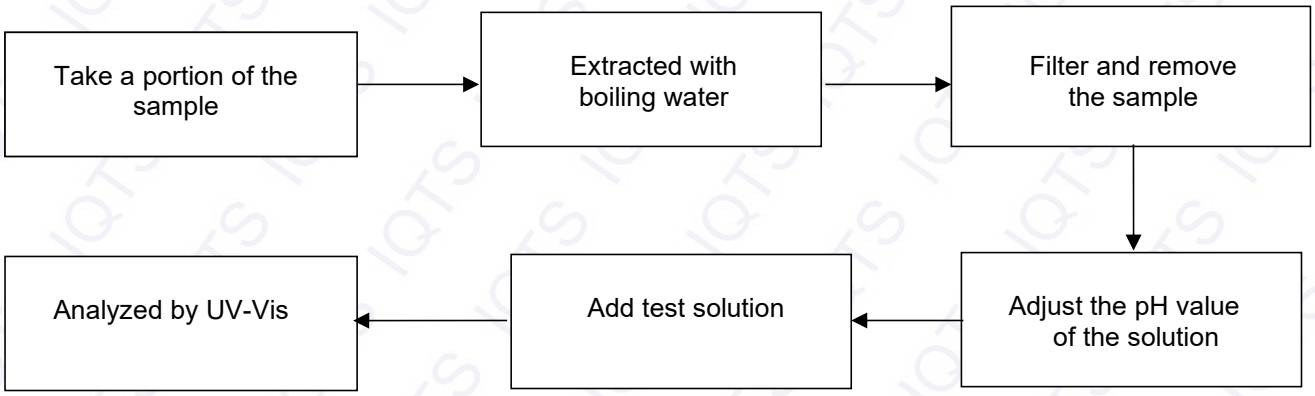
1. Test Flow chart for Cd/Pb /Hg content



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



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



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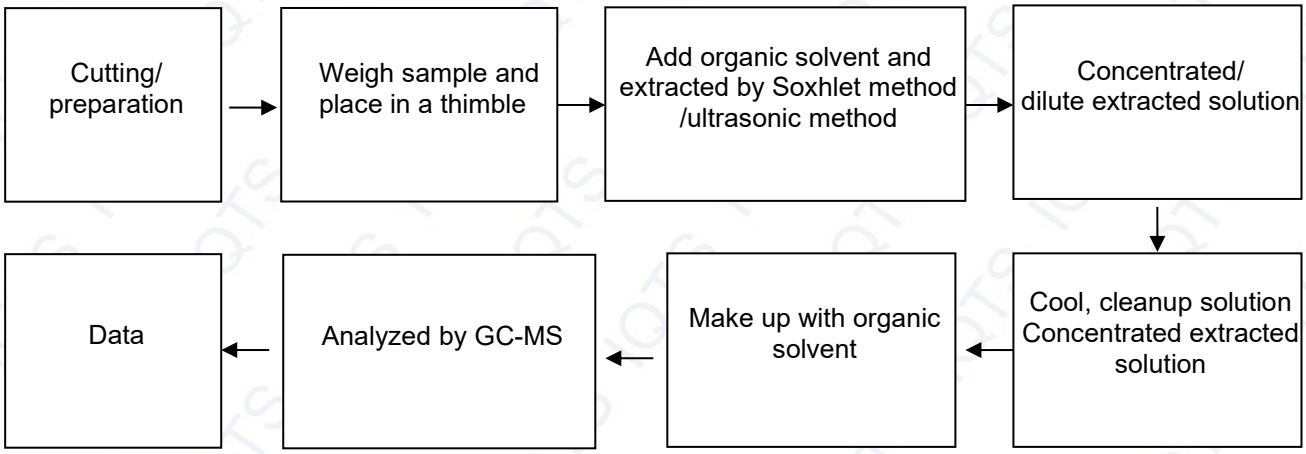
3. Test Flow chart for PBBs & PBDEs & DBP & BBP & DEHP & DIBP content



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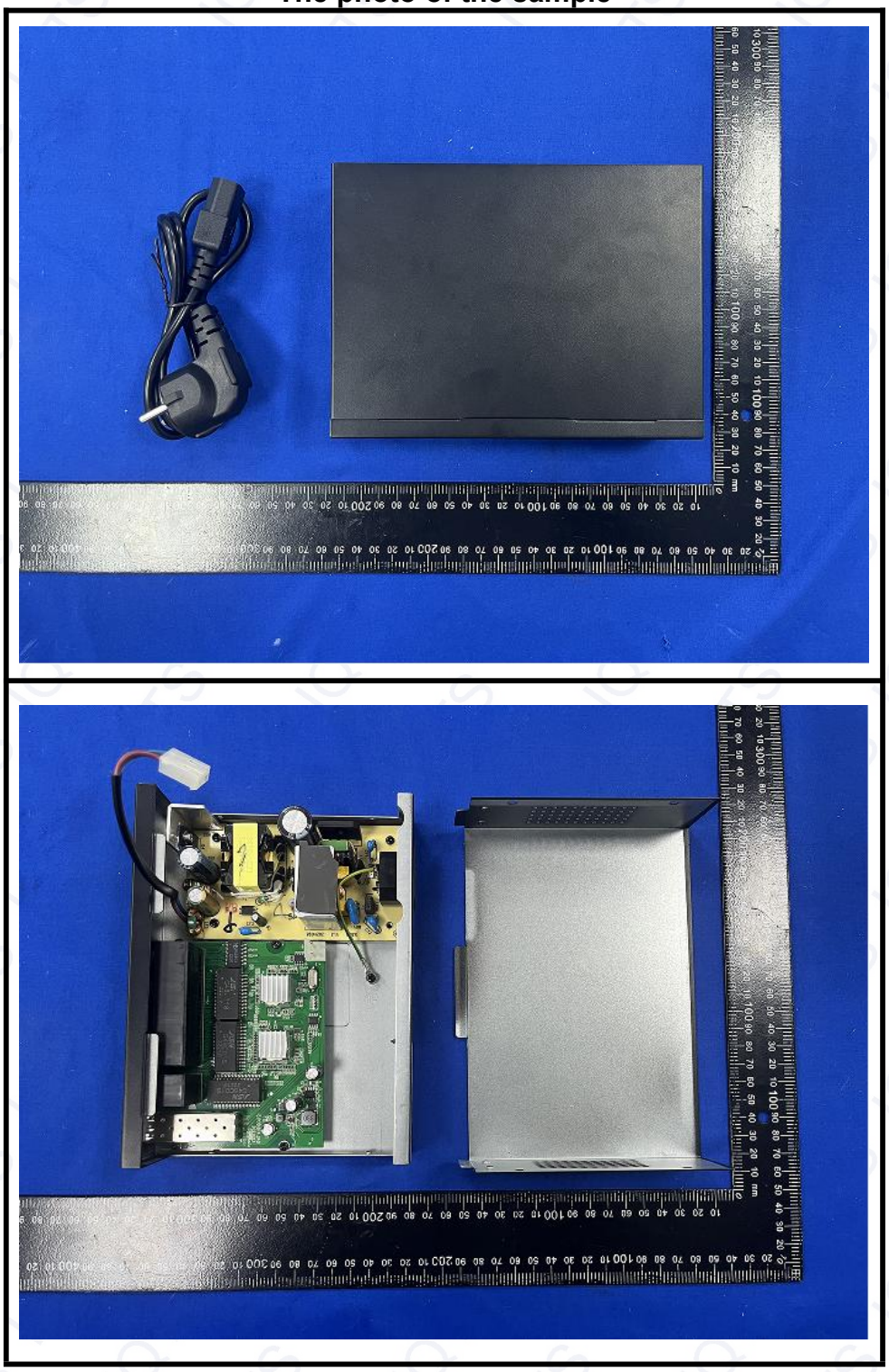
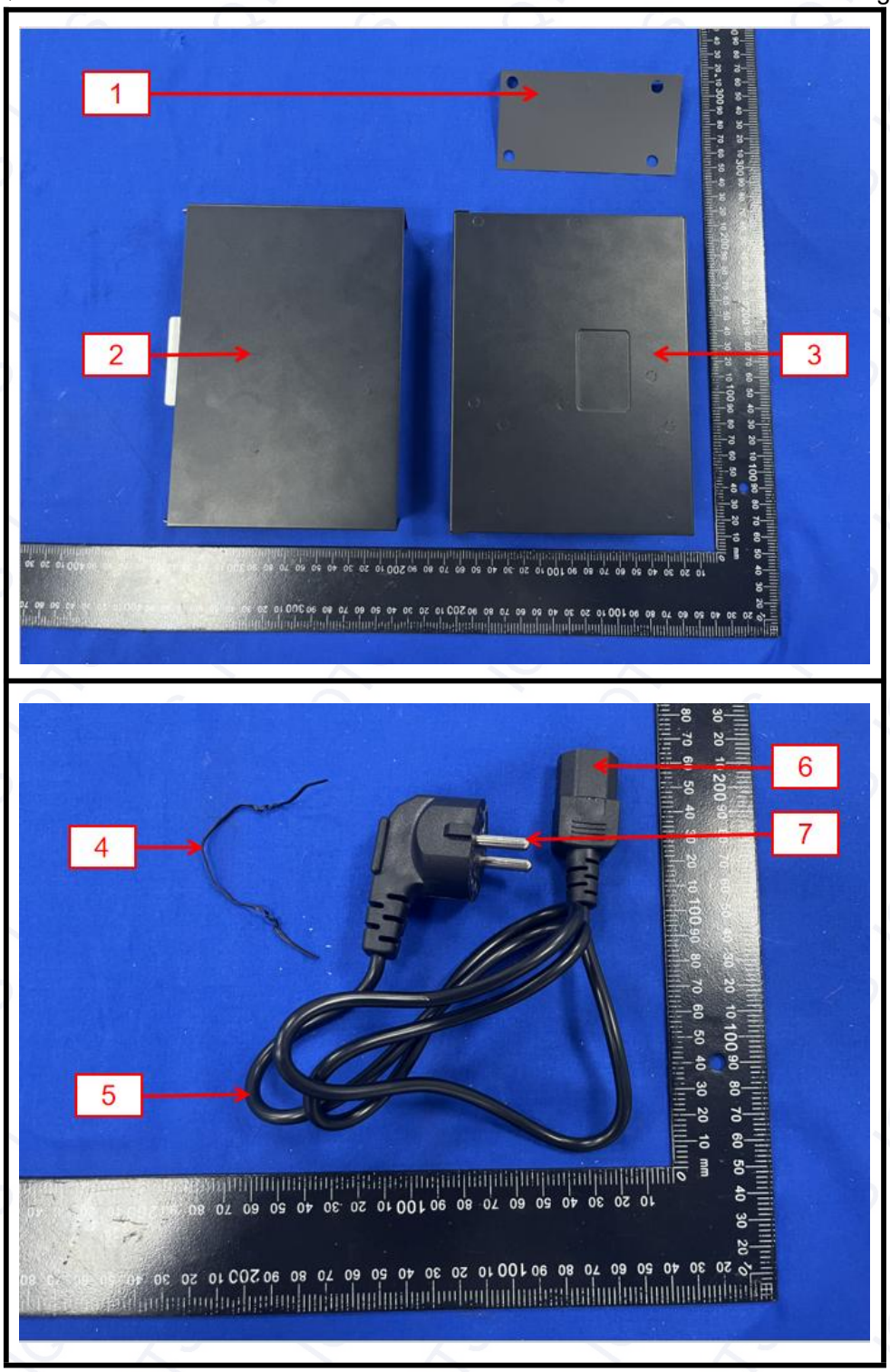
The photo of the sample

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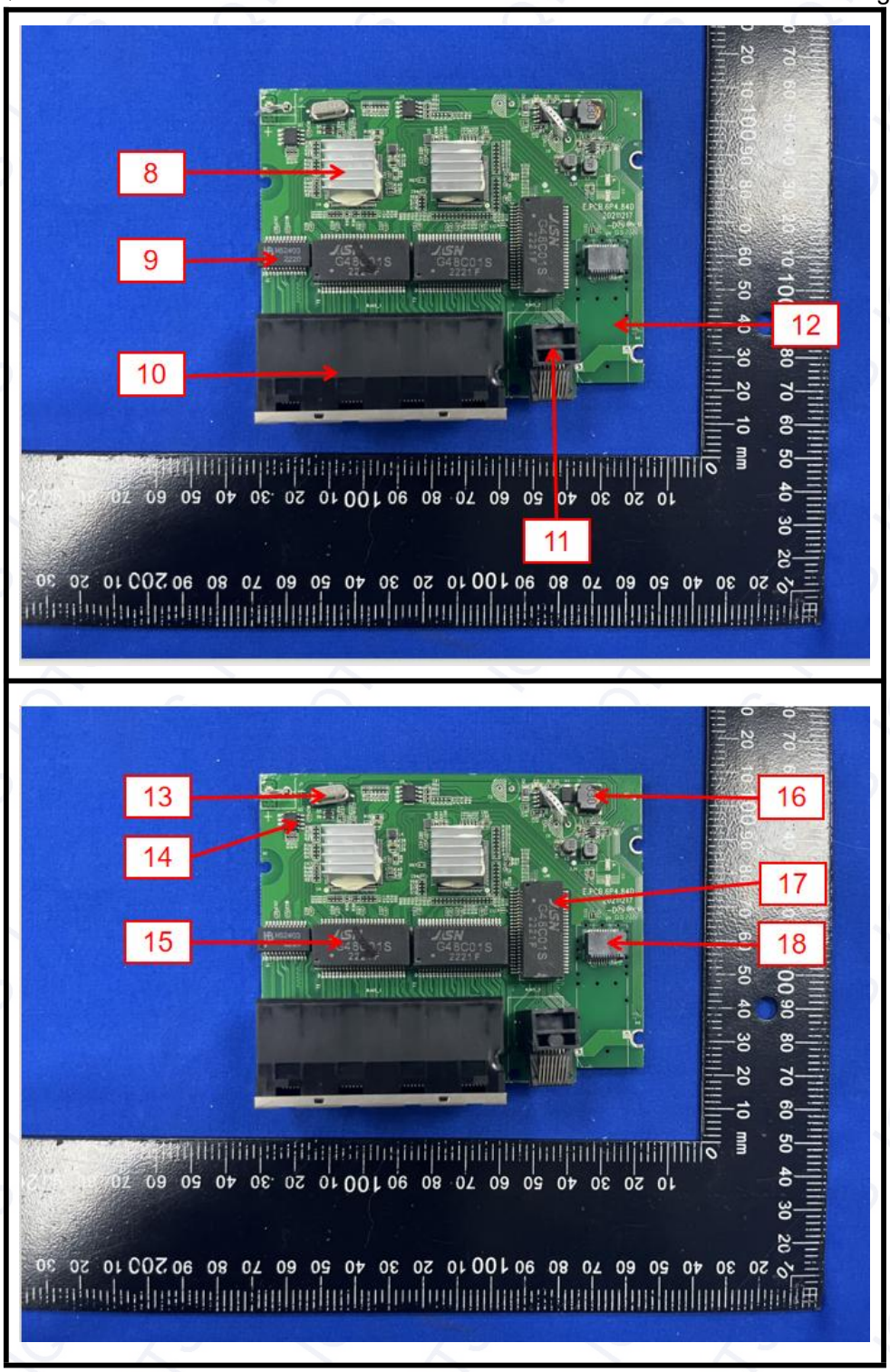
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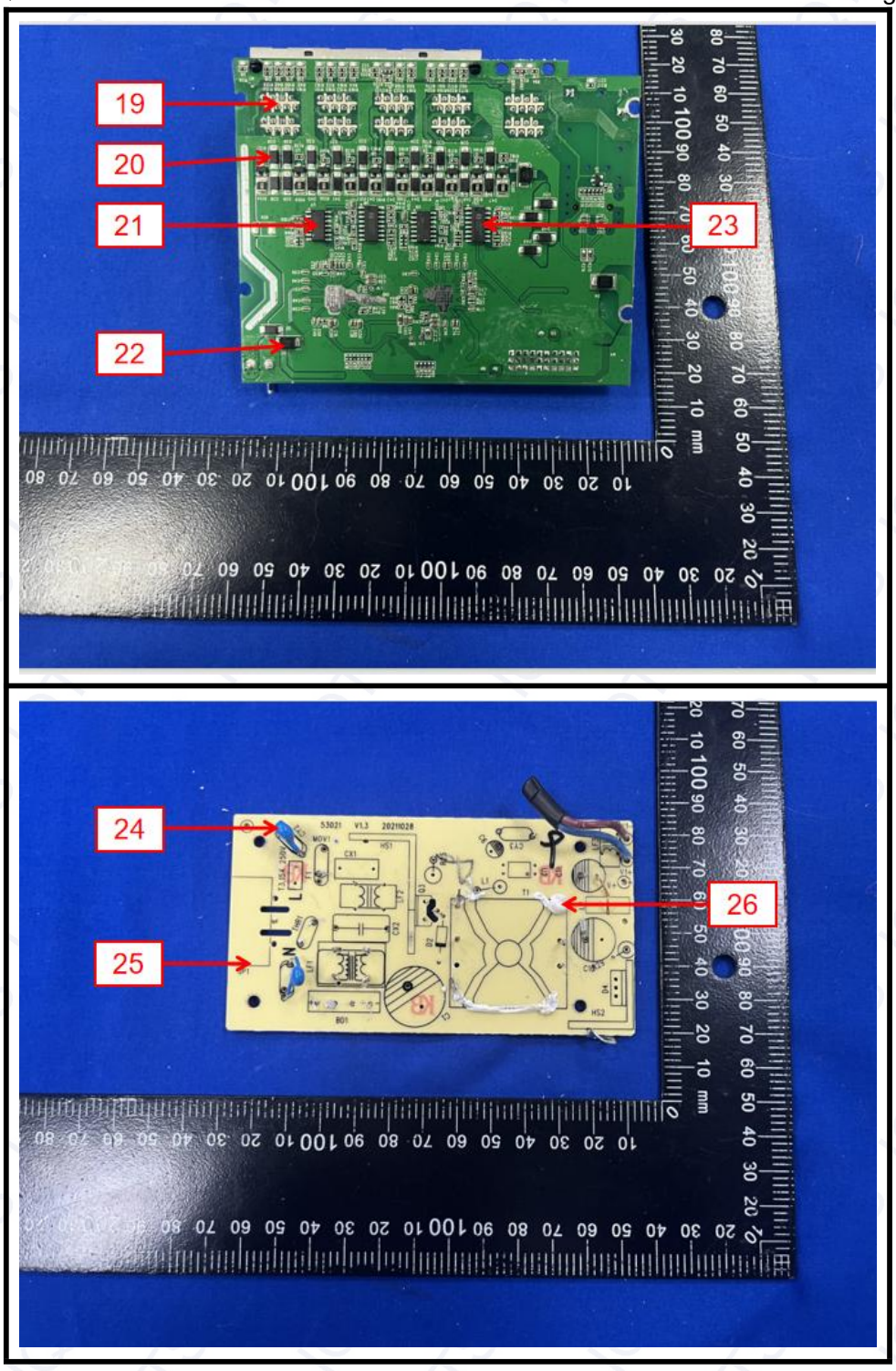
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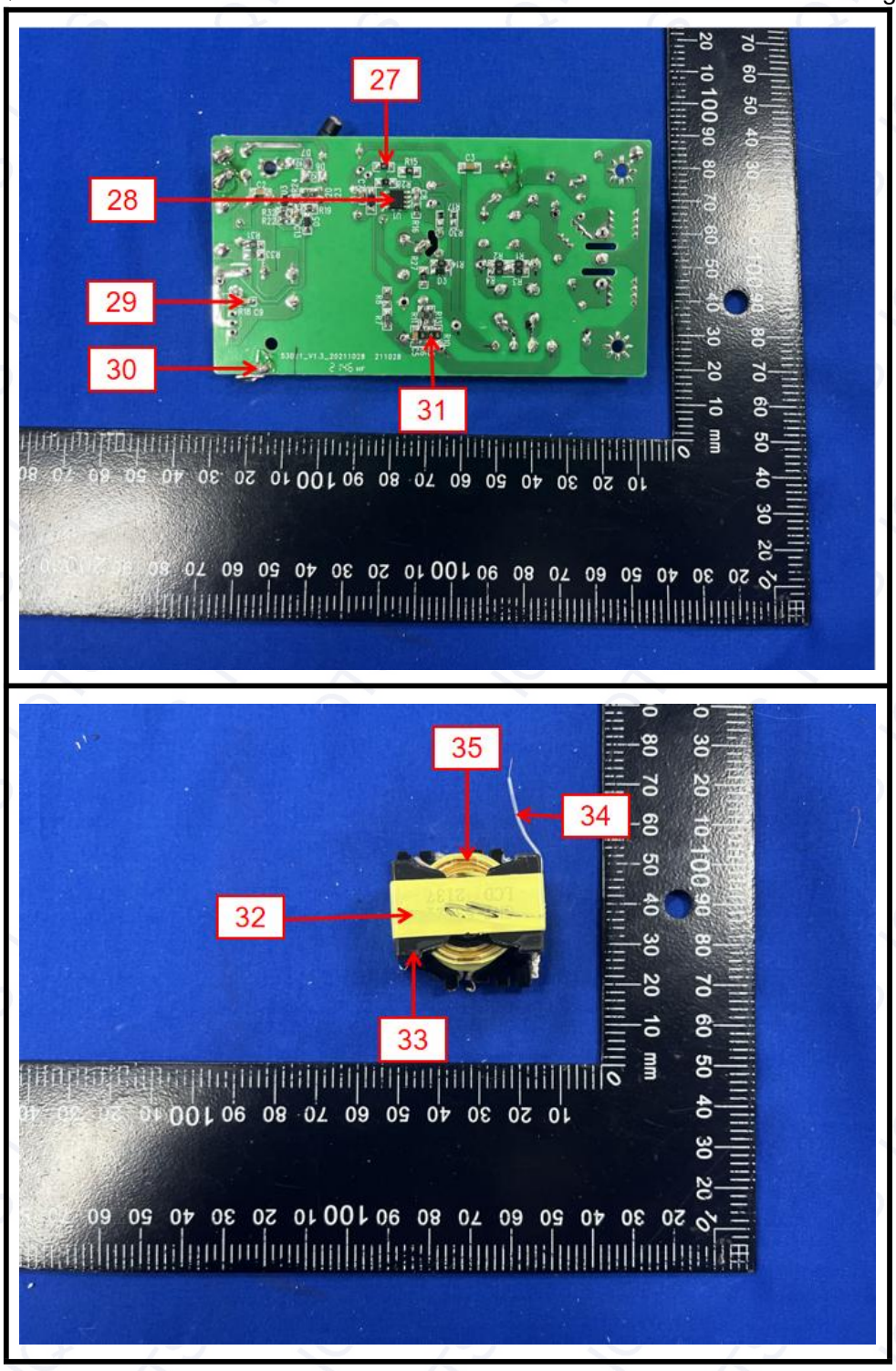
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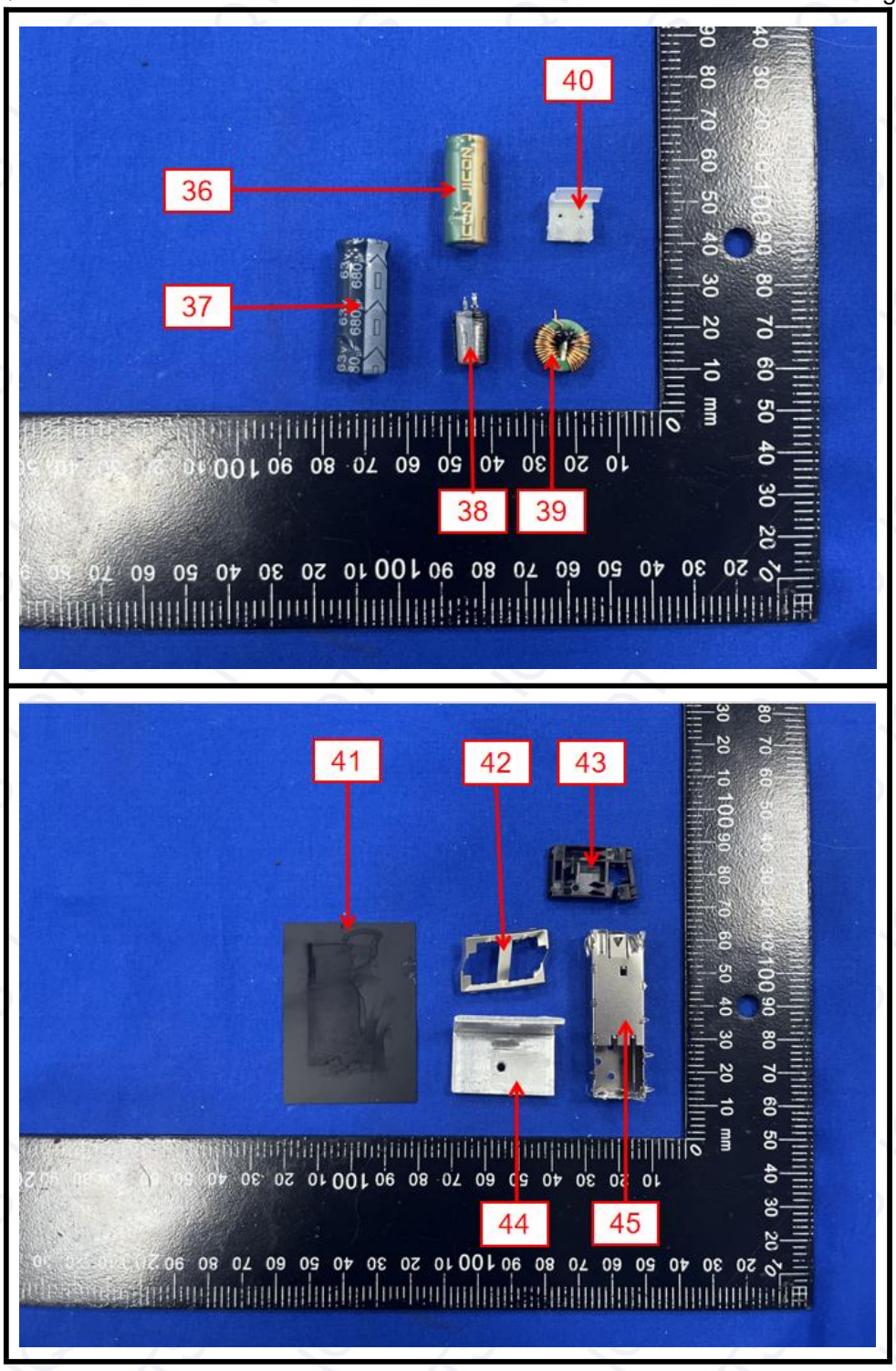
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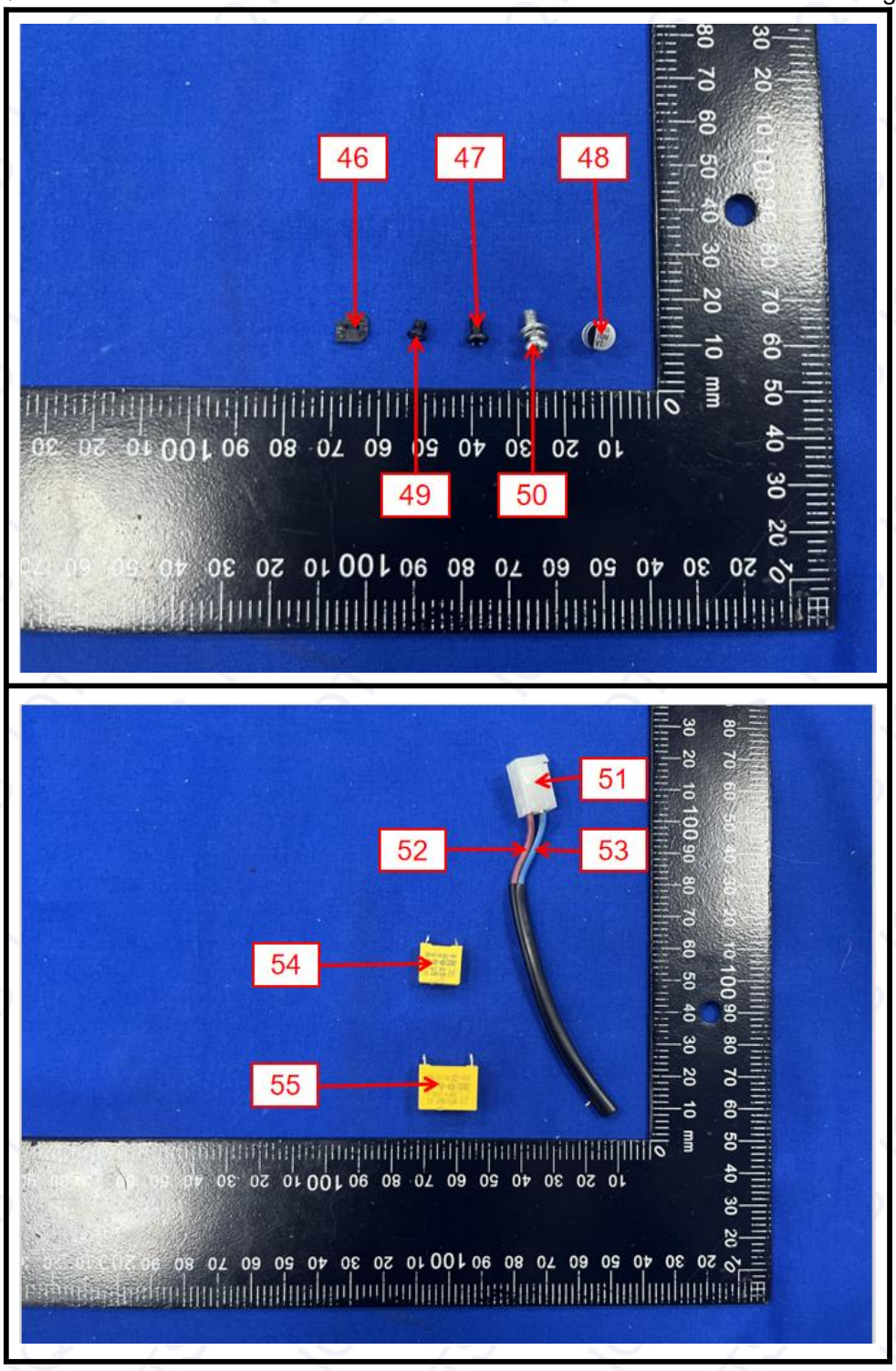
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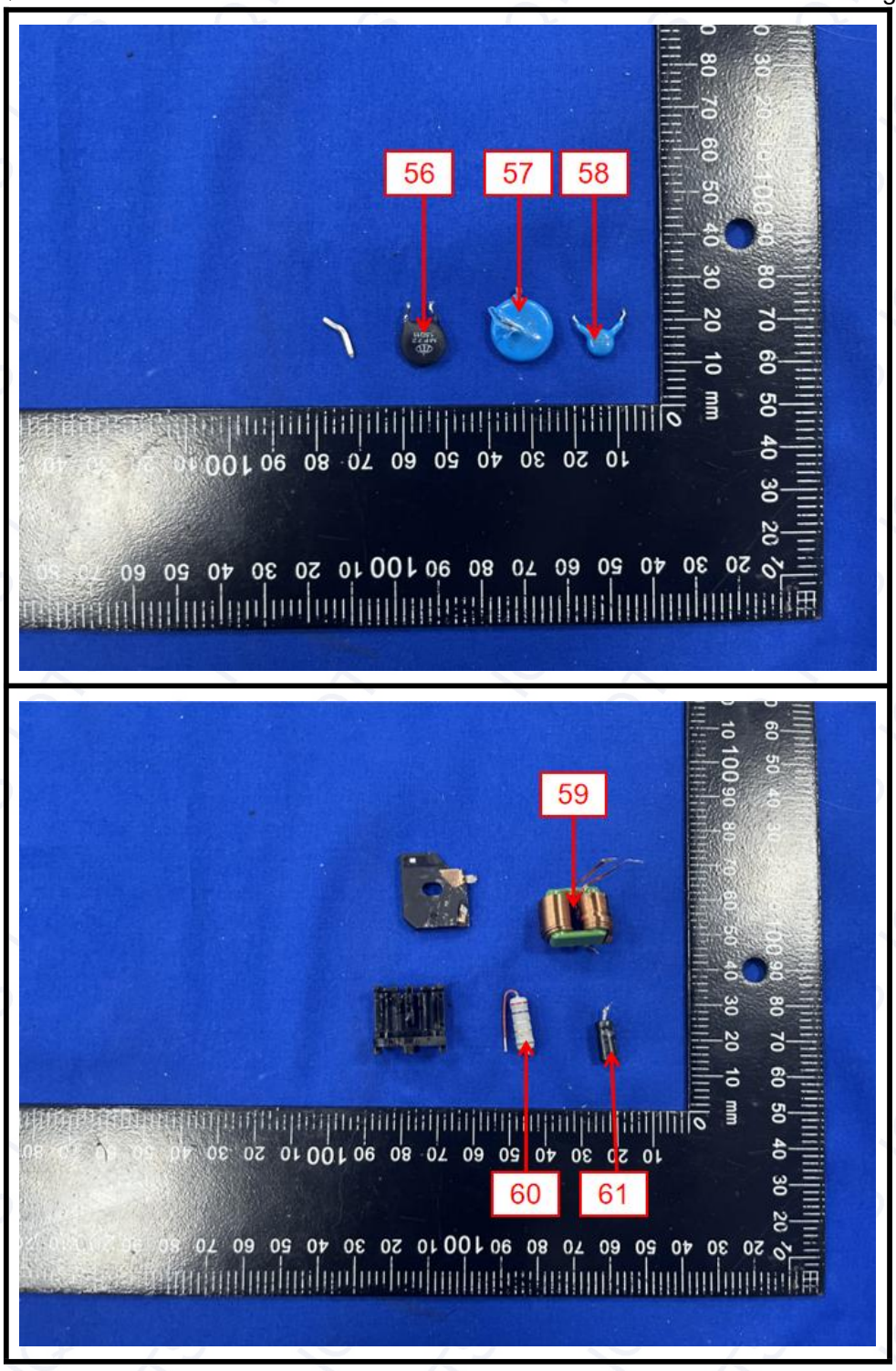
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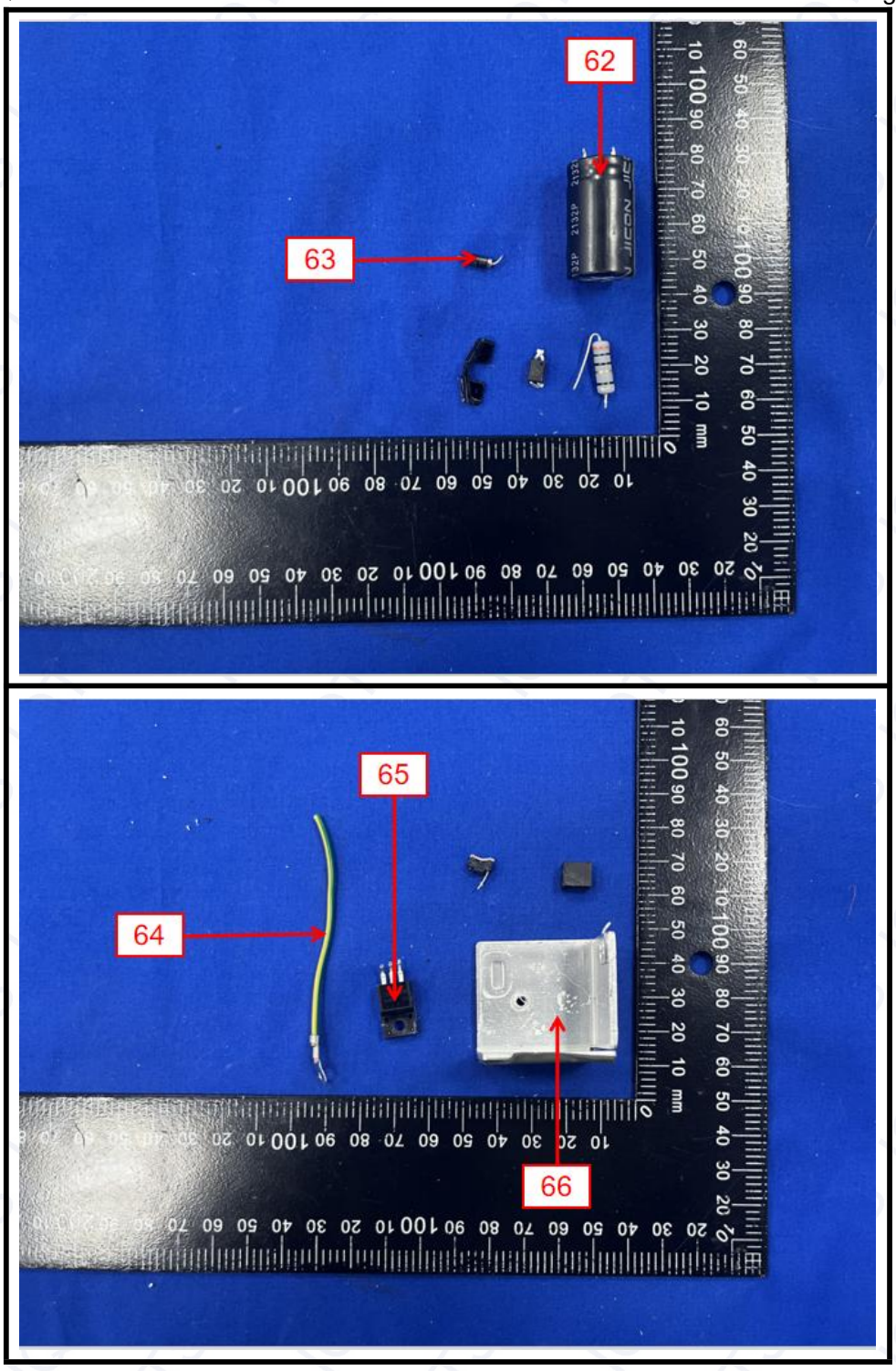

********** End of Report **********

TEST REPORT

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2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of IQTS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which IQTS hasn't verified.
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